

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 3 / 12 / 197 Loads: 1 through 13
Area(s) Worked: 0 + 00 → 50 + 00
Weather Conditions: SE wind 15-25 kts, seas 3-5', overcast with thunderstorms
Range of H₂O Temperature: Surface 18°C Below Mid-Depth 18°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Material dredged was silt. Biological specimens were blue crabs, and jellyfish. Small amounts of trash present.

Observers will be living ashore and switching out twice a day.

Dredging began at 1252 without incident.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None sighted</u>	<u>0</u>		

Observer(s) On Duty: Rory Bahadur, Kathy Krueger

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 3 / 13 / 97 Loads: 14 through 38

Area(s) Worked: 0+00 → 50+00

Weather Conditions: SE winds 10 Kts, Seas 2-4'

Range of H₂O Temperature: Surface 18°C Below Mid-Depth 17-18°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was silt with small amounts of clay.

Biological specimens included blue crabs, jellyfish, and 1 mantis shrimp.

Trash also observed in screens

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None sighted</u>	<u>0</u>		

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 3 / 14 / 97 Loads: 39 through 66
Area(s) Worked: 0+00 ——— 50+00
Weather Conditions: Cloudy, Foggy, Rain, Seas 1-3ft, Wind W becoming Nat 25 kts.
Range of H₂O Temperature: Surface 18°C Below Mid-Depth 18°C
Condition of all screening apparatus: All screening apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Material being dredged was silt with soft clay accumulating in dragheads and deflectors.
Biological specimens included 27 bluecrabs, 5 jellyfish, 2 flounders, 1 whelk, 3 cutlass fishes, 1 mantis shrimp, and oyster shells.
Fishing net, fishing line, crab pot, and trash were found in screens and dragheads.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>2</u>	<u>10 ± 2</u>	<u>Slow rolling at mouth of jetties. 2 juveniles observed.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Rory Bahadur, Kathryn Krueger

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 3 / 15 / 97 Loads: 67 through 97
Area(s) Worked: Sabine Sea Bar Channel Stations 0+00 → 50+00
Weather Conditions: Wind MNE becoming SE 10-20 kts, Seas 2-4 ft, Overcast becoming clear
Range of H₂O Temperature: Surface 18 °C Below Mid-Depth 18 °C
Condition of all screening apparatus: All inflow screens in excellent working condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.): Material being dredged was silt with trace amounts of soft clay.

Biological specimens included the following: 29 blue crabs, 7 Atlantic Cutlassfishes, 2 whelks, 1 flounder, 1 skate, 3 porgys, 2 jellyfish. There was very little trash.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None sighted</u>	<u>Ø</u>		

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAMDredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

17 MAR 1997

WEEKLY SUMMARYDates: 3 / 12 / 97 - 3 / 15 / 97Loads: 1 through 97Range of H₂O Temperature: Surface 18°CBelow Mid-Depth 17°-18°CArea(s) Worked: Sabine Sea Bar Channel - Stations 0+00 → 50+00Are there incidents involving endangered or protected species? Yes _____ No X

Comments:

03-12 Dredge began Sabine Bar Channel contract without incident at 1252.Observers will be staying on shore and switching out every 12 hours.Material dredged was silt with very little soft clay.Biological specimens included 73 blue crabs, 10 jellyfish, 2 mantis shrimps, 3 flounder, 3 whelks, 10 Atlantic Cutlass fish, 1 skate, 3 porgys, and oyster shells.Trash including plastic, fishing mesh and line and crab pots were also present.There were no incidents or sightings this week.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<i>Tursiops truncatus</i>	<u>1</u>	<u>10 ± 2</u>	<u>Slow rolling at jetty mouth; 2 juveniles</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Kathryn Krueger, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

53 8/16/97

DAILY REPORT

Date: 3 / 16 / 97 Loads: 98 - 118

Area(s) Worked: Sabine Sea Bar Channel Stations 0+00 → 50+00

Weather Conditions: Wind ESE at 20-25 kts, Seas 4-7ft, Overcast, rainy

Range of H₂O Temperature: Surface 18°C Below Mid-Depth 18°C

Condition of all screening apparatus: All inflow screens in excellent working condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

The dredge anchored at 0830 hrs inside the jetties to carry out repairs to the port dragarm. Dredge raised anchor and headed back to the dig area at 1100 hrs.

Biological specimens included 19 Blue crabs, 2 whelks, 1 cutlass fish and 2 Porogres.

Also observed in screening was trash consisting mainly of crabpots, fishing nets and plastic debris.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u>0</u>		

Observer(s) On Duty: Rory Bahadur, Kathy Krueger

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 3 / 17 / 97 Loads: 114 through 150

Area(s) Worked: Sabine Sea Bar Channel Stations 0+00 → 50+00

Weather Conditions: Varied: from Wind SSE 25 kts - E 20 kts, Overcast becoming sunny, Sea 2-6 ft.

Range of H₂O Temperature: Surface 18-19° C Below Mid-Depth 17°-18° C

Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was silt.
Biological specimens included 17 Blue crabs, 1 Flounder, 2 Jellyfish, 2 Brigs,
1 skate, 2 Atlantic Cuthless fish, 1 whelk and oyster shells.
Trash was also observed in screening
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>1</u>	<u>1</u>	<u>in channel</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Rory Bahadur, Kathy Krueger

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 3 / 18 / 97 Loads: 151 - 184

Area(s) Worked: 0+00 → 50+00

Weather Conditions: 3 wind 8 kts, Seas 3 ft, Clearing Rain

Range of H₂O Temperature: Surface 18-19°C Below Mid-Depth 17-18°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was silt.

Biological specimens included 6 blue crabs, 2 Porgies, 4 Jellyfish, whelk egg casings, oyster shells and a sheepshead.

Trash including crab pots were also observed in dragheads and inflow screening

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>1</u>	<u>1</u>	<u>jelly mouth</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 3 / 19 / 97 Loads: 185 through 213

Area(s) Worked: 0+00 through 50+00 and 50+00 through 100+00

Weather Conditions: N Wind 20 kts, Seas 2-3 ft, Overcast

Range of H₂O Temperature: Surface 18-19 °C Below Mid-Depth 17-18 °C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Observers are moved aboard and are now living on the dredge.

Material being dredged was silt

Biological specimens included one large red drum, 3 whelks, oyster shells, 1 herring, 3 decomposing fish and one flounder

Also observed in screens were crabpots and trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Tursiops truncatus</i></u>	<u>2</u>	<u>6</u>	<u>at jetty mouth</u>

Observer(s) On Duty: Rory Bahadur, Kathryn Krueger

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mergentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 3 / 20 / 97 Loads: 214 — 239

Area(s) Worked: 0 to 0 → 50 to 0 and 50 to 0 → 100 to 0

Weather Conditions: mmw Wind 8-15 kts, Seas calm to 2ft, Clear skies

Range of H₂O Temperature: Surface 18-19 °C Below Mid-Depth 17-18 °C

Condition of all screening apparatus: All inflow screening in excellent condition

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt.

Biological specimens included mussels, oyster shells, 2 decomposing fish, 1 Pommy,
4 Atlantic croaker fish, 11 blue crabs, 2 whelks, and one jellyfish

Also observed in screening was abiotic trash.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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<u>None</u>	<u>0</u>		
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Observer(s) On Duty: Rony Bahadur, Kathryn Krueger

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 3 / 21 / 97 Loads: 240 — 255

Area(s) Worked: 0+00 → 50+00

Weather Conditions: NW Wind 5-15kts, Seas 1-3ft, Clear Skies

Range of H₂O Temperature: Surface 18-19°C Below Mid-Depth 17-18°C

Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was silt with small amounts of soft clay.

Dredge docked at 0900 for repairs and water and left the dock at 1600.

Biological specimen accumulation was light. Specimen accumulation consisted only of 1 decomposing teleost fish.

Also observed was trash, including fishing line, net, crabpots and plastic.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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NONE

0

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

DAILY REPORTDate: 3, 22, 97 Loads: 256 — 284Area(s) Worked: 0100 — 50100Weather Conditions: SKIES CLEAR TO CLOUDY/HAZY; WINDS W/SWLY 5-10 KTS; SEAS 2-3'Range of H₂O Temperature: Surface 18°-19° C Below Mid-Depth 18°-20° CCondition of all screening apparatus: GOODAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.): Observers Krueger and Bahadur disembarked vessel at 115 hrs. Replaced by observers CATES AND JOHNSON.

THERE WERE NO INCIDENTS TODAY INVOLVING ENDANGERED SPECIES NOR ~~NO~~ ANY SIGHTED. DREDGE MATERIAL IS SILT WITH SMALL AMOUNTS OF CLAY. BIOLOGICAL SPECIMENS INCLUDE 2 WHITES, 5 CUTLASS FISH, AND 7 BLUE CRABS. ABIOTIC ~~BIOTIC~~ SAMPLES INCLUDE FISHING LINE, CLOTHING, PLASTIC, AND ASSORTED TRASH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TF</u>	<u>4</u>	<u>5</u>	<u>BOTTLENOSE DOLPHIN</u>

Observer(s) On Duty: Rory Bahadur, Kathy Krueger, Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

21 Mar 1997

WEEKLY SUMMARY

Dates: 3 / 16 / 97 - 3 / 22 / 97 Loads: 98 through 284

Range of H₂O Temperature: Surface 18° - 19° C Below Mid-Depth 17° - 20°

Area(s) Worked: Sabine Sea Bar Channel - Stations 0+00 → 100+00

Are there incidents involving endangered or protected species? Yes No X

Comments: THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR SIGHTINGS.
Material dredged was silt with very little soft clay.

3-16 Dredge anchored inside jetties at 0830 hours for repairs to the
port dragarm. Dredging began at 1100 hours.

3-19 Observers are moved aboard the dredge

3-22 OBSERVERS KRUEGER AND BAHADUR ARE REPLACED BY BRETT JOHNSON
AND CHARLOTTE CATES AT APPROX 0900 HRS.

BIOLOGICAL SPECIMENS THIS WEEK INCLUDED SEVERAL BLUE CRABS,
CUTLASS FISH, PORBIES, FLOUNDER, SHEEPSHEAD, WHEIE, SKATES, RED DRUM, JELLY-
FISH, AND ASSORTED SHELLS. TRASH SAMPLES INCLUDED MONOFILAMENT LINE,
CRAB POTS, NET, CHAIN, CLOTHING, PLASTIC, AND OTHER MISCELLANEOUS TRASH.

ALL SCREENING AND EQUIPMENT IS INTACT, FULLY FUNCTIONAL, AND IN
GOOD WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Tursiops truncatus</i></u>	<u>8</u>	<u>15</u>	<u>BOTTLENOSE DOLPHIN IN AND ABOUT WORK SITE AND</u> <u>AT DUMP SITE.</u>
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Observers On Duty: Kathryn Krueger, Rory Bahadur, BRETT JOHNSON, CHARLOTTE CATES

Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 03 / 23 / 97 Loads: 285 - 310
Area(s) Worked: STATIONS 0+00 - 50+00
Weather Conditions: SKIES CLEAR TO PLY CLOUDY W/ SOME FOG; WINDS VARIABLE 5-10KTS; SEAS 2-3
Range of H₂O Temperature: Surface 19°-20° C Below Mid-Depth 19°-20° C
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS
INCLUDE BLUE CRABS, CUTLASS FISH, JELLY FISH, AND ASSORTED SHELL.
TRASH SAMPLES CONTINUE TO BE HEAVY MAINLY CONSISTING OF CLOTHING, CRAB
POTS, CHAIN, FISHING LINE, NET, AND ROPE.
THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY
SIGHTINGS. ALL IS WELL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>2</u>	<u>9</u>	<u>BOTTLENOSE DOLPHIN</u>
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Observer(s) On Duty: BRETT JOHNSON, CHARLOTTE CATES

Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 03 / 24 / 97 Loads: 311 - 339

Area(s) Worked: STATIONS 0400 - 50400

Weather Conditions: MOSTLY CLEAR SKIES; WINDS S-ly 5-12 KTS; SEAS 2-3'

Range of H₂O Temperature: Surface 20° - 21° C Below Mid-Depth 20° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

THERE WERE NO INCIDENTS TODAY INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS. DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS HAVE DECREASED IN QUANTITY CONSISTING OF BLUE CRAB, CUTLASS FISH, JELLYFISH, FISH SKELETON AND ASSORTED SHELLS. ABIOTIC SAMPLES INCLUDE ROPE, NET, LINE, CLOTHING, AND OTHER MISCELLANEOUS TRASH. EQUIPMENT AND SCREENING IS IN GOOD WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tf</u>	<u>1</u>	<u>0</u>	<u>BOTTLENOSE DOLPHIN IN AND ABOUT WORK SITE</u>

Observer(s) On Duty: BRET JOHNSON, CHARLOTTE CATES

29 MAR 1997

DAILY REPORTDate: 03 / 25 / 97 Loads: 340 - 367Area(s) Worked: STATIONS 0+00 - 50+00Weather Conditions: CLEAR TO THUNDERSTORMS; WINDS S-ly S-20 KTS; SEAS 2-4'Range of H₂O Temperature: Surface 20°-21° C Below Mid-Depth 20° CCondition of all screening apparatus: GOODAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL IS SILT WITH SOME CLAY. DREDGE CONTINUES TO WORK
RED TOW LINE AND TODAY ALSO BEGAN WORK ON THE GREEN TOW LINE.

BIOLOGICAL SPECIMENS REMAIN LIGHT CONSISTING OF BLUE CRABS, CUTLASS
FISH, JELLYFISH, AND ASSORTED SHELLS. OTHER SAMPLES INCLUDE ROPE/NET/LINE,
PLASTIC, CLOTHING, AND ASSORTED TRASH. EQUIPMENT AND SCREENING IS IN GOOD
WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>			

Observer(s) On Duty: CHARLOTTE CATES, BRETT JOHNSON

USACE, Galveston District

DAILY REPORT

Date: 03 / 26 / 97 Loads: 368 - 392

Area(s) Worked: STA 0+00 - 50+00 / 29° 38.2' N 93° 49.4' W

Weather Conditions: THUNDERSTORMS TO CLEARING; WINDS VARIABLE 5-20 KTS; SEAS 2-4'

Range of H₂O Temperature: Surface 19° - 20° C Below Mid-Depth 19° - 20° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes X No

Comments (type of material being dredged, biological specimens, etc.):

A TURTLE WAS SAMPLED DURING LOAD # 376 AT APPROX 0813 HRS. THE LEFT DORSAL ANTERIOR AND POSTERIOR WERE MISSING. THE TURTLE WAS POSITIVELY IDENTIFIED AS LEPIDOCHELYS KEMPI (KEMPS RIDLEY) AND WAS DEEMED A FRESH KILL. THE REMAINDER OF THE TURTLE WAS FOUND AFTER LOAD # 385. BOTH PARTS WERE FOUND IN THE PORT AFT LANDER. SEE INCIDENT REPORTS AND DIAGRAMS.

DREDGING CONTINUES ON THE RED AND GREEN TOW LINES WITH THE MATERIAL BEING SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS CONTINUE TO BE LIGHT IN QUANTITY CONSISTING OF BLUE CRAB, CUTLASS FISH, JELLYFISH, AND ASSORTED SHELLS. OTHER SAMPLES INCLUDE PLASTIC, ROPE/NET/LINE, WOOD, CLOTHING AND ASSORTED TRASH. EQUIPMENT AND SCREENING IS INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER. THE CREW HAS BEEN MOST ACCOMMODATING IN ALL INSTANCES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	4	BOTTLENOSE DOLPHINS IN AND ABOUT WORK SITE

Observer(s) On Duty: BRET JOHNSON, CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

31 MAR 1997

DAILY REPORT

Date: 03 / 27 / 97 Loads: 393 - 418
Area(s) Worked: STATIONS 0+00 TO 50+00
Weather Conditions: CLEAR TO PTLY CLOUDY; WINDS E/SE 10-20 KTS; SEAS 2-3'
Range of H₂O Temperature: Surface 20°-20.5° C Below Mid-Depth 19°-20.5° C
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUES WORK ON RED AND GREEN TOW LINES. MATERIAL DIGGING IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS REMAIN LIGHT IN QUANTITY CONSISTING OF BLUE CRABS, CUTLASS FISH, ASSORTED FISH PARTS, AND SHELL. GARBAGE SAMPLES CONTINUE TO BE HEAVY IN QUANTITY CONSISTING OF WOOD, PLASTIC, CLOTHING, ROPE/NET/LINE, AND OTHER ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION. THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TF</u>	<u>2</u>	<u>8</u>	<u>BOTTLENOSE DOLPHIN</u>

Observer(s) On Duty: BRETT JOHNSON, CHARLOTTE CATES

DAILY REPORT

Date: 03 / 28 / 97 Loads: 419 - 437

Area(s) Worked: STATIONS 0+00 ~ 50+00

Weather Conditions: PTLY CLOUDY / FOG EARLY MORNING; WINDS SE / SW 5-20 KTS; SEAS 2-4 FEET

Range of H₂O Temperature: Surface 20° - 21.5° C Below Mid-Depth 20° - 21.5° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUES WORK ON RED AND GREEN TOW LINES. DREDGE MATERIAL IS SILT WITH SOFT CLAY. BIOLOGICAL SAMPLES ARE FEW CONSISTING OF BLUE CRABS, CUTLASS FISH, ASSORTED FISH PARTS, AND SHELL. GARBAGE SAMPLES CONTINUE TO BE HEAVY CONSISTING OF WOOD, PLASTIC, ROPE / NET / LINE, CLOTHING, AND OTHER ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS. ALL IS WELL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: BRETT JOHNSON, CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 03 / 29 / 97 Loads: 438 - 463

Area(s) Worked: STATIONS 0+00 - 50+00

Weather Conditions: PTLY CLOUDY / HAZY / FOG; WINDS SW 10 KTS TO LIGHT AIRS; SEAS CALM TO 3 FEET

Range of H₂O Temperature: Surface 21°C Below Mid-Depth 21°C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUES WORK ON RED AND GREEN TOW LINES. MATERIAL IS SILT WITH SOME SOFT CLAY. BIOLOGICAL SAMPLES. LIGHT IN QUANTITY CONSISTING OF BLUE CRAB, CUTLASS FISH, JELLYFISH, ASSORTED FISH PARTS, AND SHELL.

GARBAGE SAMPLES INCLUDE WOOD, ROCK, PLASTIC, CLOTHING, ROPE / NET / LINE, AND OTHER ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>3</u>	<u>11</u>	<u>BOTTLENOSE DOLPHIN</u>

Observer(s) On Duty: BRETT JOHNSON, CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 03 / 23 / 97 - 03 / 29 / 97

Loads: 285 - 463

Range of H₂O Temperature: Surface 19° - 21°C

Below Mid-Depth 19° - 21.5°C

Area(s) Worked: STATIONS 0+00 - 50+00

Are there incidents involving endangered or protected species? Yes X No

Comments:

A KEMPS RIDLEY SEA TURTLE (*LEPIDOCHELYS KEMPI*) WAS SAMPLED ON 03/26/97. AT THE END OF LOAD # 376 AT APPROXIMATELY 0813 HRS THE SPECIMEN WAS FOUND MOSTLY INTACT WITH THE LEFT DORSAL ANTERIOR AND POSTERIOR MISSING. THE TURTLE WAS POSITIVELY IDENTIFIED, PHOTOGRAPHED, AND DEEMED A FRESH KILL. ROB HAUCH OF USACE GALVESTON WAS IMMEDIATELY NOTIFIED. THE REMAINDER OF THE TURTLE WAS FOUND AT THE END OF LOAD # 385 ALSO IN THE PORT AFT LANDER. SEE INCIDENT REPORTS AND DIAGRAMS FOR DETAILS.

DREDGING CONTINUES ON THE RED AND GREEN TOW LINES, MATERIAL DIGGING IS SILT WITH SOME SOFT CLAY. BIOLOGICAL SPECIMENS INCLUDE BLUE CRAB, CUTLASS FISH, JELLYFISH, ASSORTED FISH PARTS AND SHELL. GARBAGE SAMPLES INCLUDE WOOD, ROCK, PLASTIC, CLOTHING, ROPE/NET/LINE, AND OTHER MISCELLANEOUS TRASH. EQUIPMENT AND SCREENING IS INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T4</u>	<u>9</u>	<u>40</u>	<u>BOTTLENOSE DOLPHIN</u>

Observers On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 03/30/97 Loads: 464-492

Area(s) Worked: STATIONS 0+00 - 50+00

Weather Conditions: OVERCAST/HAZY; WINDS VARIABLE 0-20 KNOTS; SEAS CALM TO 3 FEET

Range of H₂O Temperature: Surface 21°-22° C Below Mid-Depth 21°-22° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS. DREDGE CONTINUES WORK ON RED AND GREEN TOW LINES. BIOLOGICAL SPECIMENS LIGHT IN QUANTITY CONSISTING OF BLUE CRAB, FLOUNDER, RED DRUM, CUTLASS FISH, ASSORTED FISH PARTS, AND SHELL. GARBAGE SAMPLES INCLUDE WOOD, PLASTIC, ROCK, CLOTHING, ROPE/NET/LINE, AND OTHER ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION. DREDGE MATERIAL IS SILT WITH SOME SOFT CLAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>1</u>	<u>1</u>	<u>BOTTLENOSE DOLPHIN</u>

Observer(s) On Duty: BRETT JOHNSON, CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 03 / 31 / 97 Loads: 493-517

Area(s) Worked: Stations 0+00-50+00

Weather Conditions: partly cloudy/overcast, winds variable 10-28 knots, Seas 2-5 feet

Range of H₂O Temperature: Surface 20°-21° C Below Mid-Depth 20°-21° C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

There were no incidents involving endangered or protected species nor any sightings. Dredge continues work on red and green tow lines as well as quarter lines. Biological samples light in quantity consisting of blue crabs and fish parts. Garbage samples include: wood, plastic, rock, clothing, rope, net, line, crab pots and other assorted trash.

Port draghead down at 1220 hours due to a malfunction in pump. Continued to be down entire day. All other equipment and screening in good condition. Dredge material is silt with some soft clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>5</u>	

Observer(s) On Duty: Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04 / 01 / 97 Loads: 518-526

Area(s) Worked: STATIONS 0+00 → 50+00

Weather Conditions: OVERCAST SKIES; WINDS SE 10-20 KNOTS; SEAS 2-5 FEET

Range of H₂O Temperature: Surface 19.5° - 20.5° C Below Mid-Depth 19.5° - 20.5° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUED WORK ON RED AND GREEN TOW LINES DIGGING WITH STARBOARD DRAGARM ONLY. DREDGING CEASED AT 0712Z TO BEGIN TRANSIT TO SHIPYARD TO UNDERGO REPAIRS TO PORT DRAGARM AND TO TAKE ON FUEL AND WATER. DREDGE ARRIVED AT DOCK AT 0817 AND SPENT DAY IN LAY WHILE INSTALLING A WATER INJECTION DREDGING (WID) HEAD TO THE PORT SIDE. WATER INJECTION DREDGING BEGAN AT 1708. THE STARBOARD DRAGARM IS HELD AT 12 FEET BELOW THE WATER'S SURFACE AND IS USED FOR INTAKE OF WATER WHICH IS THEN TRANSFERRED THROUGH PUMPS TO PORT SIDE WHERE IT IS EXPELLED THROUGH PORT SIDE WID. THIS METHOD IS BEING USED TO KNOCK DOWN THE HIGH SPOTS IN THE DREDGE WORK AREAS. THE STARBOARD DRAGARM AND PORT WID WILL BE BROUGHT ON BOARD EVERY 6 HOURS FOR INSPECTION BY THE TURTLE OBSERVERS. DREDGING CEASED AT 2215 DUE TO ROUGH SEA CONDITIONS, STARBOARD DRAGARM AND WID INSPECTED, SHIP TO ANCHOR FOR THE REMAINDER OF EVENING.

BIOLOGICAL SAMPLES INCLUDED BLUECRABS, CUTLASS FISH, AND JELLYFISH WITH SOME STEEL. GARBAGE SAMPLES CONSIST OF WOOD, PLASTIC, CLOTHING, ROPE, NET, LINE, AND OTHER ASSORTED TRASH. DREDGE MATERIAL IS SILT WITH SOME SOFT CLAY. NO INCIDENTS TO REPORT

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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NO SIGHTINGS

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 03 / 30 / 97 - 04 / 05 / 97

Loads: 464 - 526 / WATER INJECTION DREDGING

Range of H₂O Temperature: Surface 19.5° - 22° C

Below Mid-Depth 19.5° - 22° C

*Area(s) Worked: STATIONS 0+00 TO 5+00 (PREVIOUSLY REPORTED AS 0+00 TO 50+00 WHICH WAS INCORRECT DREDGE HAS WORKED SAME STATION SINCE BEGINNING OF JOB)

Are there incidents involving endangered or protected species? Yes _____ No X

Comments: THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES THIS WEEK NOR ANY SIGHTINGS. DREDGE HAS CONTINUED WORK ON RED AND GREEN TOW LINES WITH DREDGE MATERIAL BEING SILT WITH SOME SOFT CLAY. BIOLOGICAL TAKE HAS BEEN LIGHT IN QUANTITY CONSISTING OF BLUE CRAB, FLOWNDER, RED DRUM, CUTLASS FISH, ASSORTED FISH PARTS, AND SHELL. GARBAGE SAMPLES INCLUDE WOOD, PLASTIC, ROCK, CLOTHING, ROPE, NET, LINE, CRAB POTS AND OTHER ASSORTED TRASH. PORT DRAGHEAD NOT USED FROM 1220 ON 03/31 TO 0712 ON 04/01 DUE TO MALFUNCTION. DREDGE AT SHIPYARD AT 0817 ON 04/01 TO UNDERGO REPAIRS TO PORT DRAGARM AND TO TAKE ON FUEL AND WATER. A WATER INJECTION DREDGE (WID) HEAD WAS INSTALLED TO PORT DRAGARM AND WIDDING BEGAN AT 1708 ON 04/01. THE STARBOARD DRAGARM WILL BE HELD AT APPROXIMATELY 12 FEET BELOW WATERS SURFACE AND IS USED FOR INTAKE OF WATER WHICH IS THEN TRANSFERRED THROUGH PUMP TO PORT SIDE WHERE IT IS EXPELLED THROUGH PORT WID HEAD. THE WID HEAD IS HELD ON THE BOTTOM AND USED TO KNOCK DOWN HIGH SPOTS IN DREDGE AREA. THE STARBOARD DRAGARM AND WID HEAD IS BROUGHT ON BOARD EVERY SIX HOURS FOR INSPECTION. DREDGING CEASED AT 2215 ON 04/01 AND REMAINED AT ANCHOR UNTIL 0730 ON 04/05 DUE TO ROUGH SEA CONDITIONS. WATER INJECTION DREDGING RESUMED AT 0825 ON 04/05. NO LOAD NUMBERS WILL BE COUNTED. THE OBSERVERS WILL CONTINUE TO RECORD AREA WORKED, WEATHER CONDITIONS, WATER TEMPERATURES, AS WELL AS MAINTAIN A BRIDGE WATCH DURING DAYLIGHT HOURS. A LOG WILL BE KEPT ON DAILY REPORT OF THE SIX HOUR INSPECTIONS OF STARBOARD DRAGARM AND WID HEAD. EQUIPMENT AND SCREENING INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>5</u>	<u>8</u>	<u>BOTTLENOSE DOLPHIN</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04/02/97 Loads: NA

Area(s) Worked: NONE

Weather Conditions: Skies overcast, wind 10-20 knots, Seas 4-6 feet.

Range of H₂O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge was anchored all day due to bad weather.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u>0</u>		

Observer(s) On Duty: Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04 103 197 Loads: NA

Area(s) Worked: NONE

Weather Conditions: overcast, winds = 10-20 knots, seas 1-2 feet in anchorage

Range of H₂O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes No Y

Comments (type of material being dredged, biological specimens, etc.):

Dredge was anchored all day due to bad weather

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u>0</u>		

Observer(s) On Duty: Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04 104 197 Loads: NA

Area(s) Worked: NONE

Weather Conditions: Overcast / Showers, winds E/SE 10-30 knots, Seas 1-2 feet at anch

Range of H₂O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes _____ No x

Comments (type of material being dredged, biological specimens, etc.): _____

Dredge was anchored all day due to bad weather

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u>0</u>		

Observer(s) On Duty: Brett Johnson, Charlotte Cates

DAILY REPORT

Date: 04 / 05 / 97

Loads: NO LOAD NUMBERS / WATER INJECTION DREDGING

* Area(s) Worked: STATION 0+00 TO 5+00 (PREVIOUSLY REPORTED AS 0+00 - 50+00 WHICH WAS INCORRECT)

Weather Conditions: OVERCAST SKIES / THUNDERSTORMS WINDS E/SE TO NW 15-30KTS; SEAS 1-3' CHANGING TO CLEAR SKIES LT. AIRS; CALM

Range of H₂O Temperature: Surface 20.5°C Below Mid-Depth N/A

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.): NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS TODAY.

DREDGE AT ANCHOR FROM 0000 - 0730. DREDGE RESUMED WATER INJECTION DREDGING AT 0825. OBSERVERS INSPECTING STARBOARD DRAGHEAD AND PORT WID HEAD EVERY SIX HOURS. INSPECTIONS AT 0959, 1600, 2135 ALL OK. NO DEBRIS, 10 SMALL FISH FOUND AT 2135 INSPECTION. EQUIPMENT AND SCREENING IN GOOD CONDITION.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TI</u>	<u>1</u>	<u>2</u>	<u>BOTTLENOSE DOLPHIN</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 04 / 06 / 97 Loads: WATER INJECTION DREDGING (WIDDING)

Area(s) Worked: STATION 0+00 TO 5+000

Weather Conditions: CLEAR SKIES; LIGHT AIRS TO SSW WINDS 5-10 KNOTS; SEAS CALM TO 2'

Range of H₂O Temperature: Surface 20° - 21° C Below Mid-Depth 20° - 20.5° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

DREDGE CONTINUED TO WID ON RED AND GREEN TOW LINES. INSPECTIONS WERE MADE OF THE STARBOARD DRAUGHT AND WID HEAD INSPECTION PLATE. INSPECTIONS WERE MADE AT 0414, 1030, 1623, AND 2207 HRS. NO DEBRIS OR BIOLOGICAL SPECIMENS FOUND. THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS TODAY. EQUIPMENT AND SCREENING IN GOOD CONDITION. ALL IS WELL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

14 APR 1997

DAILY REPORT

Date: 04 / 07 / 97 Loads: WID THEN LOADS 527 - 542
Area(s) Worked: STATIONS 0+00 TO 5+000 AND 5+000 TO 10+000
Weather Conditions: CLEAR TO PLY CLOUDY; WINDS NE 10-20 KNOTS; SEAS 1-4 FEET
Range of H₂O Temperature: Surface 20°C Below Mid-Depth 20°C
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES TODAY NOR ANY SIGHTINGS.
WIDDING CONTINUED UNTIL 0730 HOURS AT WHICH TIME DREDGE LEFT FOR DOCK TO
REPLACE WID HEAD WITH REGULAR DRAGARM ON PORT SIDE. DREDGING RESUMED AT
1156 HRS WITH LOAD # 527 DIGGING ON BOTH ARMS. MATERIAL IS SILT WITH
SOME CLAY. DREDGE DIGGING IN NEW STATION 5+000 TO 10+000 SECTION 8.
THERE WERE NO BIOLOGICAL SPECIMENS OTHER THAN SOME SHELL. GARBAGE SAMPLES
WERE HEAVY CONSISTING OF WOOD, PLASTIC, CLOTHING, ROPE, NET, LINE, AND OTHER
ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

14 APR 1997

DAILY REPORT

Date: 04 / 08 / 97 Loads: 543 - 568Area(s) Worked: STATION 5+000 TO 10+000Weather Conditions: PARTLY CLOUDY / SHOWERS; WINDS E/NE 15-20 KNOTS; SEAS 2-4' CONFUSEDRange of H₂O Temperature: Surface 19.5° - 20° C Below Mid-Depth 19.5° - 20° CCondition of all screening apparatus: GOODAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUES WORK ON RED AND GREEN TOW LINES, DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS LIGHT IN QUANTITY CONSISTING OF BLUE CRAB, CUTLASS FISH, SHELL, AND ASSORTED FISH PARTS. GARBAGE SAMPLES INCLUDE WOOD, PLASTIC, CLOTHING, NET, ROPE, LINE, AND OTHER MISCELLANEOUS TRASH. DREDGING CEASED AT 0846 DUE TO TRUNNION PROBLEMS AND INTO DOCK FOR REPAIRS. DREDGING RESUMED AT 1518. ALSO AT 1518 OBSERVERS SLIGHTLY MODIFIED METHODOLOGY OF INSPECTION. PREVIOUSLY THE LANDERS AND INSPECTION PLATES WERE CLEANED OF DEBRIS EVERY LOAD WHICH WAS EVERY 20 MINUTES. THE DIFFICULTY IN TURN AROUND TIME HAS WARRANTED THE OBSERVERS TO CLEAN DEBRIS EVERY TWO TO THREE LOADS. INSPECTION OF DRAGARMS AND SCREENING WILL CONTINUE ON EVERY LOAD THE ONLY DIFFERENCE BEING IS THAT THEY WILL NOT BE CLEANED EVERY LOAD.

EQUIPMENT AND SCREENING IS INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER. THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

14 APR 1997

Date: 04 / 09 / 97 Loads: 5164-605
Area(s) Worked: Station 5+000-10+000
Weather Conditions: Clear to Cloudy, winds, E/NE to Fast (6-20 Knots), Seas 2-4 feet
Range of H₂O Temperature: Surface 18°C - 20°C Below Mid-Depth 18°C - 20°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues work on red and green tow lines. Dredge
material is silt with some clay. Biological Specimens
light in quantity consisting of blue crabs, flounder, cutlass fish.
Garbage samples also light in quantity consisting of wood, plastic
clothing, rope, net, line, shell, and other assorted trash.
Equipment and screening in good condition. There were no
incidents involving endangered species nor any sightings.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Turrops truncatus</u>	<u>1</u>	<u>4</u>	

Observer(s) On Duty: Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

14 APR 1997

DAILY REPORT

Date: 04 / 10 / 97 Loads: 606 643

Area(s) Worked: Station 5+000 - 10+000

Weather Conditions: Clear to partly cloudy, Easterly winds 6-20 knots, Seas 1-5 feet

Range of H₂O Temperature: Surface 20° - 20.5°C Below Mid-Depth 20° - 20.5°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.): Dredge continues working on red and green tow lines. Dredge material is silt with some clay. Garbage samples light in quantity consisting of wood, plastic, clothing, rope, net, line, shell and other assorted trash. Equipment and screening in good condition. Observers moved to hotel and will be working 12 hour shifts.

There were no incidents involving endangered species nor any sightings.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>1</u>	<u>1</u>	<u>Bottlenose Dolphin</u>

Observer(s) On Duty: Brett Johnson, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

14 APR 1997

DAILY REPORT

Date: 04/11/97 Loads: 644 to 677

Area(s) Worked: Station 5+000 to 10+000

Weather Conditions: Partly cloudy to overcast, winds E'ly-SE'ly 8-20 knots, Seas 3-5 feet

Range of H₂O Temperature: Surface 20°C Below Mid-Depth 20°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues working on red and green tow lines.
Dredge material is silt with some clay. Garbage samples
light in quantity consisting of wood, plastic, clothing, rope,
net, line, shell and other assorted trash. Biological
samples include one blue crab. Equipment and screening
in good condition.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>2</u>	<u>5</u>	<u>Bottlenose dolphin</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

14 APR 1997

DAILY REPORT

Date: 04/12/97

Loads: 678-716

Area(s) Worked: Station 5+000 to 10+000, SE to N'ly winds 8-20kts, Seas 1-5 feet

Weather Conditions: Partly Cloudy to thunderstorm.

Range of H₂O Temperature: Surface 19°-20°C

Below Mid-Depth 19°-20°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species?

Yes

No ☒

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues working on red and green tow lines. Dredge material is silt with some clay. Garbage samples light in quantity consisting of wood, plastic, clothing, rope, net, line, shell, crabpots and other assorted trash. Biological samples include; blue crabs, fish parts, cutlass fish, red snapper, egg casinos, one ray. Equipment and screening in good condition.

There were no incidents involving endangered species.

Bridge Watch Summary

Species

of Sightings

of Animals

Comments

Tursiops truncatus

1

4

Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

14 APR 1997

WEEKLY SUMMARY

Dates: 04/06/97 - 04/12/97

Loads: 527-716

Range of H₂O Temperature: Surface 18°-20.5°C

Below Mid-Depth 18°-20.5°C

Area(s) Worked: Stations 0+00 - 5+000 and 5+000 to 10+000

Are there incidents involving endangered or protected species? Yes _____ No X

Comments:

Dredge worked on red and green towlines with WID head on 4-6 and 4-7. On 4-7 dredge left for port at 0730 hours to replace WID head with regular drag arm. Dredge then started new Station 5+000 to 10+000, Section 8 at 1156 hours digging with both arms. Dredge material is silt with some clay. Garbage samples light in quantity consisting of wood, plastic, clothing, rope, line, net, shell, crab pots and other miscellaneous trash. Biological samples include: blue crabs, fish parts, cutlass fish, red snapper, one ray, egg casings, flounder. Equipment and screening intact, fully functional and in good working order.

Observers were moved to a hotel on 4-10 and have resumed 12 hour shifts. On 4-8 at 1518 observers slightly modified methodology of inspection, previously the landers and inspection plates were cleaned of debris every load. every 20 min. However the difficulty in turn around time has warranted the observers to clean debris every two to three loads. Inspection of dragarms and screening will continue on everyload the only difference being that the inspection plates will not be cleaned every load.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<i>Tursiops truncatus</i>	4	14	Bottlenose Dolphin
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

14 APR 1997

DAILY REPORT

Date: 04/13/97 Loads: 717 to 754

Area(s) Worked: Station 5+000 to 10+000

Weather Conditions: Cloudy to clearing skies, winds ^{N'ly} 8-20 knots. Seas 1-3 feet

Range of H₂O Temperature: Surface 17.5° to 18°C Below Mid-Depth 17°-18°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues working on red and green tow lines.
Dredge material is silt with some clay. Biological
samples include: blue crabs, egg casings, cutlass fish,
assorted fish parts, shell. Garbage samples light
in quantity consisting of wood, plastic, clothing,
rope, net, line, crabpots and other assorted trash.
Equipment and screening in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

21 APR 1997

Date: 04 / 14 / 97 Loads: 755 to

Area(s) Worked: Station 5+000 - 10+000

Weather Conditions: Cloudy to partly cloudy, winds Nly, Ely 8-20 kts, Seas 1-4 feet

Range of H₂O Temperature: Surface 17.5° - 18° C Below Mid-Depth 17° - 17.5° C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues working on red and green tow lines. Dredge material is silt with some clay. Garbage samples light in quantity consisting of wood, plastic, clothing, rope, net, line, crabpots and other assorted trash. Biological samples include; blue crabs, egg casings, cutlass fish, assorted fish parts, shells. Equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

21 APR 1997

Date: 04 / 15 / 97 Loads: 792 to 808
Area(s) Worked: Station 5+000 to 10+000, 4+00 to 0+00
Weather Conditions: Partly Cloudy, Ely winds 5-12 Kts, Seas 1-3 feet
Range of H₂O Temperature: Surface 16°-17.5°C Below Mid-Depth 16°-17°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge worked on Station 5+000 to 10+000 until 0705 hours
and then moved to Station 4+00 to 0+00 to work on
red tow line. Biological samples include blue crabs, egg
casings, cutlass fish, Shells, fish parts, Jelly fish and
Sea weeds. Garbage samples light in quantity consisting
of wood, plastic, clothing, rope, line, Crabpots and
other assorted trash. Equipment and screening in
good working condition.

There were no incidents involving endangered or protected
species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

21 APR 1997

Date: 04 / 16 / 97 Loads: 809-830Area(s) Worked: Stations 4+00 to 4+00, and 5+000 - 10+000Weather Conditions: Partly cloudy to clear skies, City winds to 5-10 kts to light wind. SeasRange of H₂O Temperature: Surface 16°-19°C Below Mid-Depth 16°-18°CCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge worked on Station 4+00 to 0+00 and then moved back to Station 5+000 to 10+000 to work on red and green tow lines. Dredge started digging with Starboard arm only at 2120 hours. Garbage samples light in quantity consisting of wood, plastic, clothing, rope, line, crabpots and other assorted trash. Biological samples consist of blue crabs, egg casings, Cutlass fish, shells, seaweeds and fish parts. Equipment and screening in good working order.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

21 APR 1997

Date: 04 / 17 / 97 Loads: 832-847

Area(s) Worked: Station 5+000-10+000

Weather Conditions: Partly cloudy, Light to heavy winds 8-12 kts. Calm seas

Range of H₂O Temperature: Surface 17.5-18°C Below Mid-Depth 17-17°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge continued one arm digging in Station 5+000-10+000
until 1100 hours then departed for port for repairs. Dredge
resumed digging in Station 5+000-10+000 at 2005 hours
with both arms. Garbage samples light in quantity
consisting of wood, plastic, clothing, rope, line, crab pots
and other assorted trash. Biological samples include
blue crabs, shell, egg casings, collard fish, seaweeds
and fish parts. Equipment and screening in good
working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAMDredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

21 APR 1997

Date: 04 / 18 / 97 Loads: 848 - 875Area(s) Worked: STATION 5+000 TO 10+000Weather Conditions: PARTLY CLOUDY; WINDS VARIABLE 10-20 KNOTS; SEAS CALM TO 4'Range of H₂O Temperature: Surface 18.5°C Below Mid-Depth 19°CCondition of all screening apparatus: GOODAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS. DREDGE CONTINUES TO WORK RED AND GREEN TOW AND QUARTER LINES. DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS INCLUDE CUTLASS FISH, BLUECRABS, EGG CASINGS, SEaweEDS AND ASSORTED FISH PARTS. GARBAGE SAMPLES CONSIST OF ROPE, NET, LINE, CRAB POTS, CLOTHING, PLASTIC, WOOD AND OTHER MISCELLANEOUS TRASH. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 04/19/97 Loads: 876-912
Area(s) Worked: Station 5+000-10+000
Weather Conditions: Cloudy, light winds to SE - 5-20 kts, Seas 1-4 feet
Range of H₂O Temperature: Surface 18.5°C Below Mid-Depth 18.5°-19°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No V

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues to work red and green tow lines and quarter
lines. Dredge material is silt with some clay. Biological
specimens include: blue crab, cutlass fish, egg classings,
seaweeds and fish parts. Garbage samples moderate
in quantity consisting of wood, plastic, net, line, rope,
crab pots and other assorted trash. Equipment and
screening in good working order.

There were no incidents involving endangered or protected
species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

21 APR 1997

WEEKLY SUMMARY

Dates: 04/13/1997 - 04/19/1997

Loads: 717 - 912

Range of H₂O Temperature: Surface 16°-19°C

Below Mid-Depth 16°-19°C

Area(s) Worked: 5+000 to 10+000 and 4+000 to 0+000

Are there incidents involving endangered or protected species?

Yes

No ☒

Comments: Dredge worked on Station 5+000 to 10+000 until 4-15 at 0705
hours and then moved to Station 4+000 to 0+000 to work on red
tow line. Dredge moved back to Station 5+000 to 10+000 the
following day to continue working on red and green tow lines.
On 4-16 at 0130 hours dredge started digging with Starboard
arm only and departed for port for repairs 4-17 at 1108 hours.
Dredge resumed digging in Station 5+000 to 10+000 at 0805
hours the same day and remained at same station for the
remainder of the week digging with both arms on red and
green tow and quarter lines. Dredge material is silt with
some clay. Biological samples continue to be light consisting
of blue crabs, cypress fish, egg casings, fish parts, seaweeds,
shell, jellyfish. Garbage samples light in quantity consisting
of wood, plastic, net, line, rope, crabpots, clothing, and
other miscellaneous trash. Equipment and screening in
good working order.

There were no incidents involving endangered or protected
species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers On Duty: Charlotte Cates, Brett Johnson

DAILY REPORT

28 APR 1997

Date: 04 / 20 / 97 Loads: 913 - 946
Area(s) Worked: Station 5+000 to 10+000
Weather Conditions: partly cloudy to cloudy, wind light to SE SW 1-10 knots
Range of H₂O Temperature: Surface 18.5° - 20°C Below Mid-Depth 18.5° - 20°C ^{Seas 1-2 feet}
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No Y

Comments (type of material being dredged, biological specimens, etc.): Dredge continues to work red and green tow and quack lines. Dredge material is silt with some clay. Biological samples include, blue crab, cutlass fish, egg castings, seaweeds and fish parts. Garbage samples include wood, plastic, net, line, rope, crabpots and other assorted trash and are light in quantity. Equipment and screening in good working order.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No Sightings</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

DAILY REPORT

Date: 04/21/1997 Loads: 947 to 973
Area(s) Worked: Stations 51000 to 101000 and 51000 to 41000
Weather Conditions: Partly cloudy, winds S.W. 20 knots, Seas 1-3 feet
Range of H₂O Temperature: Surface 20°-21° C Below Mid-Depth 20° C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge continued to work red and green tow and quack lines
in Station 51000 to 101000 until 1448 and then moved
to Station 41000 to 51000. Section 9 to work
red and green tow lines. Dredge material is silt with some
clay. Biological specimens light in quantity; Blue crabs,
Cutlass fish, egg casings, seaweeds and fish parts.
Garbage samples moderate consisting of wood, plastic,
line, net, rope, crabpots, and other assorted garbage.
Equipment and screening in good working order.

There were no incidents involving endangered or threatened
species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

28 APR 1997

Date: 04 / 22 / 97

Loads: 978-998

Area(s) Worked: Stations 5+000 to 4+000, 4+000 to 10+000

Weather Conditions: Cloudy, winds SW shifted to Nly 15-20 kts, Seas 2-4 feet

Range of H₂O Temperature: Surface 20° - 21.5°C Below Mid-Depth 18°-21°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge worked red and green tow lines in Station 5+000 to 4+000 until 1141 hours and then extended out to Station 10+000. Dredge material is silt with some clay. Biological specimens light; blue crabs, cutlass fish, egg casings, sea-weeds and fish parts. Garbage samples heavy including; wood, plastic, line, net, trash, crabpots, pipes and other assorted trash. Equipment and screening in good working order.

There were no incidents involving endangered or threatened species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlottie Cates, Brett Johnson

DAILY REPORT

Date: 04/22/97 Loads: 999-1028
Area(s) Worked: Station 4+000-10+000
Weather Conditions: Partly cloudy to cloudy, light Nly winds 10-20 kts, seas 14 feet
Range of H₂O Temperature: Surface 19.5° - 20°C Below Mid-Depth 18° - 20°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Dredge continues work in Station 4+000-10+000 working red and green tow lines. Dredge material is silt with some clay. Biological specimens light including blue crabs, cutlass fish, egg casings, seaweeds, shell and fish parts. Garbage samples heavy including: wood, plastic, line, net rope and crabpots. Equipment and screening in good working order.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotta Cales, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 04 / 24 / 97 Loads: 1029 - 1048
Area(s) Worked: STATIONS 4+000 TO 10+000
Weather Conditions: CLOUDY / SHOWERS; WINDS VARIABLE 10-22 KTS; SEAS CALM INCREASING TO 7'
Range of H₂O Temperature: Surface 20°C Below Mid-Depth 19-20°C
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

DREDGE CONTINUES WORK IN STATION 4+000 TO 10+000 WORKING GREEN AND RED TOW LINES. DIGGING MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS LIGHT IN QUANTITY CONSISTING OF BLUE CRABS, CUTLASS FISH, EGG CRAB, SEAWEEDS, SHELL, AND FISH PARTS. GARBAGE SAMPLES INCLUDE ROPE, NET, LINE, WOOD, PLASTIC, AND ASSORTED TRASH. NO INCIDENTS OR SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES.

DREDGE CEASED OPERATIONS AT 1016 HOURS DUE TO BUILDING SEAS, HIGH WINDS, AND THUNDERSTORMS. OBSERVERS ON SHORE AWAITING THE RESUME OF DREDGING OPERATIONS. SHIP TO ANCHOR.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TT</u>	<u>2</u>	<u>4</u>	<u>BOTTLENOSE DOLPHIN</u> <u>IN CHANNEL BRIDGING OUTBOUND SHIPS</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 04 / 20 / 97 - 04 / 26 / 97

Loads: 913 - 1048

Range of H₂O Temperature: Surface 18.5° - 21.5° C Below Mid-Depth 18° - 21° C

Area(s) Worked: STATIONS 4+000 TO 10+000

Are there incidents involving endangered or protected species? Yes No X

Comments:

DREDGE CONTINUED WORK IN STATIONS 4+000 TO 10+000 WORKING RED, GREEN, AND QUARTER TOW LINES. DREDGING OPERATIONS CEASED AT 1100 HOURS ON 04/24 DUE TO BAD WEATHER AND HIGH SEAS AND REMAINED THROUGH 04/26.

DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS CONSIST OF BLUE CRABS, CUTLASS FISH, EGG CASINGS, SEaweEDS, SHELL, AND ASSORTED FISH PARTS. GARBAGE SAMPLES INCLUDE WOOD, PLASTIC, ROPE, NET, LINE, AND ASSORTED TRASH. EQUIPMENT AND SCREENING INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER.

THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>2</u>	<u>4</u>	<u>BOTTLENOSE DOLPHIN IN CHANNEL</u>

Observers On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04 / 25 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: THUNDERSTORMS ; WINDS E-ly TO 60 KNOTS ; SEAS 6-8'

Range of H₂O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: FINE

Are there incidents involving endangered or protected species? Yes — No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE AT ANCHOR DUE TO WEATHER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 04 / 26 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: THUNDERSTORMS; WINDS E-ly TO 50 KNOTS; SEAS 6-8'

Range of H₂O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: FINE

Are there incidents involving endangered or protected species? Yes — No X

Comments (type of material being dredged, biological specimens, etc.): —

DREDGE AT ANCHOR DUE TO WEATHER

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CARES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 04/27/97 Loads: 1049-1070

Area(s) Worked: Station 4+000-10+000

Weather Conditions: Partly Cloudy, Nly winds 15-20 knots, Seas 2-3 feet

Range of H₂O Temperature: Surface 18.5°C Below Mid-Depth 19°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredging resumed work in Station 4+000-10+000
at 0807 hours. Dredge material is silt with some clay.
Biological specimens light in quantity including blue crabs,
cutlass fish, egg casings, seaweeds and shell. Garbage
samples include; wood, plastic, net, line, rope and
other assorted trash. Equipment and screening in good
working order.

There were no incidents involving endangered or
protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>1</u>	<u>3</u>	

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

02 MAY 1997

DAILY REPORT

Date: 04 / 28 / 97 Loads: 1070 - 1103

Area(s) Worked: Station 4+000 - 10+000

Weather Conditions: Partly cloudy to clear skies, winds wily to 15-22 kts to

Range of H₂O Temperature: Surface 17.0 - 17.5°C Below Mid-Depth 17.0 - 18.0°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues working in Station 4+000 - 10+000
Dredge material is silt with some clay. Biological specimens
are light consisting of blue crabs, fish parts, cutlass
fish, shell and egg casings. Garbage. Samples consisting
of wood, plastic, clothing, net, line, rope and other
assorted trash. Equipment and screening in good working
order.

There were no incidents involving endangered or
protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>16</u>	<u>Bottlenose Dolphin</u>

Observer(s) On Duty: Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 04 / 29 / 97 Loads: 1104 - 1125

Area(s) Worked: STATIONS 5+000 TO 10+000

Weather Conditions: MOSTLY CLEAR; WINDS S-ly 5-10 KNOTS; SEAS CALM - 2'

Range of H₂O Temperature: Surface 21° Below Mid-Depth 21°

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE CONTINUES WORK IN STATION 5+000 TO 10+000, DIGGING MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS INCLUDE BLUE CRABS, CUTLASS FISH, WEIYFISH, STINGRAY PARTS, SEaweeds, EGG CASINGS, AND ASSORTED FISH PARTS, AND SHELL. GARBAGE SAMPLES INCLUDE PLASTIC, WOOD, CLOTHING, NET, LINE, ROPE, AND ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

DREDGE CEASED OPERATIONS AT 2044HRS TO LEAVE FOR SHIPYARD TEXAS CITY.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>4</u>	<u>12</u>	<u>BOTTLENOSE DOLPHIN IN WORK AREA</u>

Observer(s) On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

BI JUN 1997

WEEKLY SUMMARY

Dates: 04 / 27 / 97 - 04 / 29 / 97 Loads: 1049 - 1125
Range of H₂O Temperature: Surface 17° - 21° C Below Mid-Depth 17° - 21° C
Area(s) Worked: STATIONS 4+000 TO 10+000

Are there incidents involving endangered or protected species? Yes No X

Comments:

DREDGE AT ANCHOR 04/27 UNTIL 0807 HRS DUE TO ADVERSE WEATHER.
DREDGING RESUMED AT 0807. DREDGE CONTINUED WORK IN STATIONS 4+000 TO
10+000 WORKING RED, GREEN TOW LINES AND QUARTER LINES. DREDGE MATERIAL IS
SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS LIGHT IN QUANTITY CONSISTING OF
BLUE CRABS, CUTLASS FISH, JELLY FISH, RAY PARTS, SEAWEEDES, EGG CASINGS, SHELL, AND
ASSORTED FISH PARTS. GARBAGE SAMPLES INCLUDE CLOTHING, WOOD, PLASTIC, ROPE,
NET, LINE, AND ASSORTED TRASH.

DREDGE CEASED OPERATIONS AT 2044 HRS TO LEAVE FOR SHIPYARD TEXAS CITY.
EQUIPMENT AND SCREENING INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TH</u>	<u>8</u>	<u>31</u>	<u>BOTTLENOSE DOLPHIN IN WORK AREA</u>

Observers On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: *22 105 11997* Loads: *Ø*

Area(s) Worked: *29°37' N 93°48' W*

Weather Conditions: *Overcast w/ showers and heavy downpours*

Range of H₂O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: _____

Are there incidents involving endangered or protected species? Yes _____ No *X*

Comments (type of material being dredged, biological specimens, etc.): _____

Observers on duty; although, no loads were credited to this day. Due to repairs to dredging apparatus dredging resumed at 2338. Load was dumped after midnight and therefore credited to 23 May 1997.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: *CATHY SARGIS, PATRICK MCKANN*

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 23 105 11997 Loads: 126 - 147

Area(s) Worked: 29°37'N 93°48'W

Weather Conditions: Overcast w/showers - SE to SW winds 5 to 10 knots - Seas choppy 0-2'

Range of H₂O Temperature: Surface 78°-80° F Below Mid-Depth 78°-80° F

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

Dredged material is a fine mud of suspended clay and silt.

Biological specimens collected on screens included: Sargassum weed, oyster shells, ribbed mussel shells, clam shells, seaweed.

Abiotic specimens collected on screens included: rope, metal, cloth, fishing line, plastic, wire, pipe, leather strap, rocks, wood, broom, steel-line rod and reel, jeans, chipper hammer, net, glove

Dredging was conducted with starboard Draghead only.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>9</u>	<u>41</u>	<u>T+ sighted mostly near Channel Buoy 33 and 34 - Many were leaping & riding bow wakes of other ships. There were three mother/calf pairs.</u>

Observer(s) On Duty: CATHY SAKAS, PATRICK MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 24 / 02 / 1997 Loads: 148 - 168

Area(s) Worked: 29°37'N 93°48'W

Weather Conditions: Heavy rain to partly sunny; SSW to SE winds 5-20 knots; Sea chop,

Range of H₂O Temperature: Surface 78 to 79.5°F Below Mid-Depth 76 - 79°F 1-

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

Dredged material is a fine mud of clay and silt.

Biological specimens collected on screens included oyster shells, 1 murex shell, ribbed mussel shells, Sargassum weed, 1 Star drum (3"), whelk egg cases, catfish skull bones, 3 cutlass fish & 2 blue crabs.

Abiotic samples collected on screens included aluminum, steel scraps, net, rope, fishing line, shark hook (large), wire, weed, cloth, plastic, foam rubber, rubber pieces, leather strap and a cement block

Only the Starboard Drag is operating. The Port Drag diesel is still being rebuilt.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>12</u>	<u>35</u>	<u>All T+ were sighted in Channel. Behavior included approaching dredge bow, riding bow waves of other vessels, following boats, jumping out of water</u>

Observer(s) On Duty: CATHY SAKAS, PATRICK MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 25/05/1997 Loads: 169 - 188
 Area(s) Worked: 29°37'N 93°48'W
 Weather Conditions: Clear to mostly cloudy; N to WSW winds 10 to 18 knots; Seas choppy to rough
 Range of H₂O Temperature: Surface 79°F Below Mid-Depth 77°-79°F
 Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is a fine mud of clay and silt.

Biological specimens collected on the screens included 8 blue crabs, 1 barracuda skull, 1 sawtooth pen shell, oyster shells, Sargassum weed, scallop shell, 1 spider crab and plant material (unidentified).

Abiotic samples collected included plastic, wood, net, rope, cloth, line, trash bag, wire, crab trap, twine

Dredging is being accomplished with Starboard Drag only.

Dredging was temporarily halted after Lead 181 for repairs at 1303 and resumed at 1813.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>9</u>	<u>27</u>	<u>Most sightings occurred near Channel Buoys 33 and 34 - Some were riding the bow waves of other vessels. Two calves were spotted in a pod of 8-12.</u>

Observer(s) On Duty: Cathy Sakas, Patrick McKernan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MERMENTAU - Sabine Pass, TX

USACE, Galveston District

WEEKLY SUMMARY

Dates: 21 105 11997 - 25 105 11997

Loads: 126 - 188

Range of H₂O Temperature: Surface 78° to 80° F

Below Mid-Depth 76° to 80° F

Area(s) Worked: 29°37'N 93°48'W

Are there incidents involving endangered or protected species? Yes No X

Comments:

Dredged material was a mud of fine clay and silts.

Biological specimens collected were: oyster shells, ribbed mussel shells, 1 Murex shell, scallop shell, 1 sawtooth pen shell, whelk egg cases, 1 star drum (3"), catfish skull, barracuda skull, 10 blue crabs, 1 spider crab, 3 cutlass fish, Sargassum weed, clam shells and unidentified plant material.

Abiotic samples collected included aluminum, steel scraps, net, rope, fishing line, shark hook, wire, wood, cloth, plastic, foam rubber, rubber, leather, cement block, metal, pipe, rocks, broom, steel-line rod and reel, chipper/hammer, glove, trash bag, twine & crab trap.

Even though one observer was on board 21 May and both observers were aboard as 22 May dredging did not actually begin until 0000 23 May.

Only the Starboard Drag was in operation this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>31</u>	<u>72</u>	<u>Most sightings were near Channel Buoys 33 and 34. Activity included riding bow waves of other vessels, leaping and approaching the dredge.</u>

Observers On Duty: CATHY SAKAS, PATRICK MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 26 / 05 / 1997 Loads: 189 - 215

Area(s) Worked: 29°37'N 93°48'W

Weather Conditions: Clear to Partly Cloudy - WSW to SSW winds ~ 6-16 knots - Seas choppy at 1

Range of H₂O Temperature: Surface 79° - 82° F Below Mid-Depth 77° - 81° F

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is a fine mud of silt and clay with small shells occasional

Biological samples collected on the screens included oyster shells, 9 blue crabs,
whelk eggcases, seaweed, 1 cutlass fish, 4* tonguefish, coconut husk, ark shell,
Sargassum weed, 1 pink shrimp, 1 knobbed whelk, 1 horse conch
* tonguefish = 2 longtail, 1 ctfshark, 1 unidentified * Sargassum weed most abund.

Abiotic samples included plastic, rope, rubber, wood, cement, aluminium,
mud, metal, net, cloth, wire, oil filter @, duct tape, fishing line,
copper pipe, flip flop, plastic bucket lid * plastic most abundant item.

Loads # 189 through # 209 were dug with the Starboard Drag only.
Loads # 210 through # 215 were dug with the Port and Starboard Drags.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>7</u>	<u>13</u>	<u>Behavior included jumping, rolling, tail</u>
<u> </u>	<u> </u>	<u> </u>	<u>slapping, splashing and riding bow waves</u>
<u> </u>	<u> </u>	<u> </u>	<u>of other vessels</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: CATHY SAKAS, PATRICK MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 05/27/97 Loads: 216 - 253
 Area(s) Worked: 29°37'N 93°48'W
 Weather Conditions: Clear & hazy to Overcast; SW to WSW winds 8 to 16 knots; Seas rough to
 Range of H₂O Temperature: Surface 79°-81°F Below Mid-Depth 77°-81°F Calm at 1-4'
 Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is a fine mud of clay and silt.

Biological samples collected on the screens included oyster shells, ark shells, Sargassum weed, 10 blue crabs, 3 eels, seaweed, whelk egg cases, 5 jelly balls (*Stomolophus meleagris*), 1 cutlass fish & 1 star drum. The most abundant biological sample was Sargassum weed.

Abiotic items collected included plastic, wire, rope, cloth, mud, net, wood, cement, fishing line, metal, duct tape, glass, blanket, glove, pants, boot sock, shoe, rubber & a car part. The most abundant abiotic item collected was plastic.

Large clumps of Sargassum weed were observed covering the water's surface for most of the day.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>5</u>	<u>16</u>	<u>Near Channel Buoys, 34, 33 and 32. Behavior included hunting, splashing & approaching the dredge.</u>

Observer(s) On Duty: CATHY SAKAS, PATRICIA MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 5 108 197 Loads: 251 - 291
Area(s) Worked: 29°37'N 93°48'W
Weather Conditions: Partly cloudy - NE winds ~18 knots - Seas choppy ~2-3'
Range of H₂O Temperature: Surface 79° - 84° F Below Mid-Depth 78° - 83° F
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is a mud of uniform consistency composed predominantly of clay.

Biological samples collected included 1 jellyball, 8 blue crabs, seaweed shrimp, 2 tonguefish, oyster shells, 1 star drum (3"), whelk egg cases, *Sargassum weed, 3 Atlantic cutlass fish.

Abiotic samples collected included *plastic, wire, rope, *mud, *cloth, wood, line, metal strip, goat nipple, jug, bottle, electrical cord, duct tape, bleach bottle, tin can, clay, net, underwear, string, particle board, shirt, cable, crab trap, cement, rubber.

Loads # 272 & 273 were done with Slickard Drag due to failure of Port Drag
Clumps of Sargassum weed floating on water's surface.
* Most abundant on screens.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>7</u>	<u>28</u>	<u>Most sightings around Channel Buoys</u>
			<u>33 & 34. Behavior included approaching</u>
			<u>dredge. One mother/calf pair was</u>
			<u>sighted.</u>

Observer(s) On Duty: C. Sakas

DAILY REPORT

Date: 5 129 197 Loads: 292 - 330
Area(s) Worked: 29°37'N 93°48'W
Weather Conditions: Clear to Overcast w/ Rain - NE to S winds 2-18 knots - Seas calm to choppy
Range of H₂O Temperature: Surface 79° to 82° F Below Mid-Depth 78° to 82° F ^{at 21 to 3'}
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is a fine mud of uniform consistency comprised of clay.

Biological specimens collected on screens included *Sargassum weed, 1 tongue fish, oyster shells, whelk egg cases, 1 unidentified fish (~12"), 1 pen shell, 8 blue crabs, 8 Atlantic cutlass fish and 6 jelly balls.

Abiotic samples included cloth, *plastic, rope, mud, wood, net, oil filter, zipper, line, twine, glass, metal, mesh bag, cable, fishing line, wire.

Three water spouts were spotted today ~ 1030.

Clumps of Sargassum weed floating at surface.

*Most abundant samples.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>12</u>	<u>54</u>	<u>in channel, approaching dredge, thrasher</u>
			<u>at water surface, riding bow</u>
			<u>waves</u>

Observer(s) On Duty: CATHY SAKAS, PATRICK MCKANN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

DAILY REPORT

Date: 5 / 30 / 97 Loads: 331-370

Area(s) Worked: 29°37'N 93°48'W 5+000 10+000 section 8

Weather Conditions: MOSTLY CLEAR TO CLOUDY, W to S winds, 5-12 knots, 0-3' seas

Range of H₂O Temperature: Surface 79-84°F Below Mid-Depth 78-84°F

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is mud and clay.

Biological specimens collected on screens include fish skull, sargassum weed, 2 devil rays, 3 cutlassfish, 3 blue crabs, whelk egg cases, oyster shells, 2 jelly balls, moon snail shell, and fish bones.

Abiotic samples include plastic, cloth, concrete chunk, wood, line, rope, socks, zipper, cans, mesh bags, net, chaffing gear, cable, rubber strap, metal, tractor tire, foam rubber.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tr</u>	<u>12</u>	<u>63</u>	<u>most seen in channel, approaching or following the dredge, or riding a tanker's bow</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Patrick McKann, Cindy Sakas

DAILY REPORT

Date: 5 / 31 / 97 Loads: 371-410
Area(s) Worked: 29°37' N 93°48' W
Weather Conditions: STORMY TO PARTLY CLEAR, S TO N 10-22 KNOTS, CALM TO 3' SEAS
Range of H₂O Temperature: Surface 79-81° F Below Mid-Depth 78-81° F
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DREDGED IS FINE MUD AND CLAY.

BIOTIC MATERIAL DREDGED INCLUDED: WHELK EGG CASES, OYSTER SHELLS, 1 DEVIL RAY, SARGASSUM WEED, 1 BUTTERFLYFISH, 1 COCONUT, 4 CUTLASSFISH, 1 TONGUE FISH, AND ONE BLUE CRAB.

ABIOTIC SAMPLES WERE FISHING LINE, CLOTH, PLASTIC, RUBBER, WOOD, FOAM RUBBER, ROPE, NETTING, BOTTLES, CEMENT BLOCKS, CABLE, MESH BAGS, OIL FILTERS, CRAB TRAP, PLASTIC CRATE, AND MILK CRATE.

A COLD FRONT FROM THE NORTH PUSHED THROUGH TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>12</u>	<u>53</u>	<u>SEEN IN CHANNEL HUNTING, JUMPING</u>
			<u>OUT OF WATER, APPROACHING DREDGE,</u>
			<u>OR FOLLOWING DREDGE</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX
USACE, Galveston District

21 JUN 1997

21 JUN 1997

WEEKLY SUMMARYDates: 5 / 25 / 97 - 5 / 31 / 97Loads: 169-410Range of H₂O Temperature: Surface 79-84°F Below Mid-Depth 77-84°FArea(s) Worked: 29°37'N 93°48'WAre there incidents involving endangered or protected species? Yes ☐ No ☒

Comments:

DREDGED MATERIAL WAS A MUD OF FINE CLAY AND SILT.BIOLOGICAL SPECIMENS COLLECTED WERE WHELK EGG CASES, OYSTER SHELLS, SARGASSUM WEED, 4 DEVIL RAYS, 1 BUTTERFLYFISH, 2 COCONUTS, 8 TONGUE FISH, 30 CUTLASS FISH, 39 BLUE CRABS, 14 JELLY BALLS, FISH SKULLS, FISH BONES, MOON SNAIL SHELL, PEN SHELL, SHRIMP, 2 STAR DRUMS, ARK SHELL, 1 KNOBBED WHELK, AND 1 HORSE CONCH.ABIOTIC MATERIAL INCLUDED PLASTIC, ROPE, RUBBER, WOOD, CEMENT, ALUMINUM, MUD, METAL, NET, CLOTH, WIRE, OIL FILTERS, DUCT TAPE, FISHING LINE, COPPER PIPE, FLIP FLOP, BUCKET LID, BLANKET, SHOE, CAN, PARTICLE BOARD, CRAB TRAP, TRACTOR TIRE, ZIPPER, GLASS, CHAFFING GEAR, AND FOAM RUBBER.THE DREDGE WAS IN CONTINUOUS OPERATION ALL WEEK.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>55</u>	<u>227</u>	<u>MOST SEEN IN CHANNEL APPROACHING DREDGE, ALSO JUMPING, HUNTING, BREACHING, AND BOW RIDING.</u>

Observers On Duty: PATRICK MCKANN AND CATHY SAKAS

DAILY REPORT

Date: 6 / 1 / 97 Loads: 409-446
Area(s) Worked: 29°37'N 93°48'W
Weather Conditions: CLEAR, N to W 2-15 KNOTS, CALM to 2' SEAS
Range of H₂O Temperature: Surface 79-82°F Below Mid-Depth 77-80°F
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):
DREDGED MATERIAL WAS FINE MUD COMPRISED OF SILT AND CLAY.

BIOLOGICAL MATERIAL INCLUDED SARGASSUM WEED, WHELK EGG CASES, OYSTER SHELLS, PLANT ROOTS, OYSTER DRILL SHELL, SMOOTH DUCK CLAM SHELL, SCALLOP SHELL, 4 CUTLASSFISH, AND 1 DEVIL RAY.

ABIOTIC MATERIAL INCLUDED PLASTIC, CLOTH, DUCT TAPE, LINE, ROPE, GLOVE, MILK CARTON, WIRE, NET, ALUMINUM, FIBERGLASS, AND METAL.

JELLYBALLS WERE CONCENTRATED JUST UNDER THE SURFACE OF THE WATER TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>9</u>	<u>34</u>	<u>SEEN FEEDING, SPLASHING, BOW-RIDING, AND APPROACHING DREDGE.</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 6 12 197 Loads: 447 - 484
Area(s) Worked: 29°37'N 93°48'W [Loads 447-468 Section #8 5+000 to 10+000] [Loads 469-484 Section #9 10+000 to 15+000]
Weather Conditions: CLEAR to PARTLY CLOUDY, N to W 6-12 KNOTS, CALM - 2' SEAS
Range of H₂O Temperature: Surface 78-82°F Below Mid-Depth 76-80°F
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):
MATERIAL DREDGED IS FINE MUD COMPOSED OF SILT AND CLAY.

BIOLOGICAL SPECIMENS INCLUDED SARGASSUM WEED, WHELK EGG CASES, OYSTER SHELLS, 5 TUBEWORMS, 3 SEA CATFISH, 15 CUTLASSFISH, 3 JELLYBALLS, AND ONE UNIDENTIFIED CRAB SHELL.

ABIOTIC MATERIAL INCLUDED PLASTIC, ROPE, RUBBER, CLOTH, LINE, HAWSING, CRAB TRAP, MESH BAG, DUCT TAPE, WOOD, NET, ROPE BUMPER, CABLE, AND FOAM RUBBER.

SCHOOLS OF MENHADEN WERE SEEN NEAR THE CHANNEL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>8</u>	<u>23</u>	<u>ACTIVITY INCLUDED APPROACHING DREDGE AND SWIMMING IN DREDGE WAKE.</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 6 / 3 / 97 Loads: 485-524
Area(s) Worked: 29°37'N 93°48'W Section 7 10+000 to 15+000
Weather Conditions: Clear to Partly Cloudy, N to W to ENE @ 1 to 16 Knots, 0-2' sea
Range of H₂O Temperature: Surface 78-80°F Below Mid-Depth 77-78°F
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):

DREDGED MATERIAL IS FINE MUD COMPOSED OF CLAY AND SILT.

-BIOTIC MATERIAL INCLUDED SARGASSUM WEED, OYSTER SHELLS, WHELK EGG CASES, 9 CUTLASSFISH, 15 TUBE WORMS, PLANT ROOTS, 1 DEVIL RAY, 1 GOOSENECK BARNACLE, 1 UNIDENTIFIED FISH, WOOD, 1 JELLY BALL, 1 MENHADEN.

-ABIOTIC MATERIAL INCLUDED PLASTIC, METAL, CLOTH, LINE, NET, CABLE, ROPE, CRAB TRAP, ZIPPER.

-LARGE SCHOOLS OF MENHADEN SEEN NEAR CHANNEL.

- RAYS SEEN SKITTERING JUST UNDER WATER SURFACE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>8</u>	<u>33</u>	<u>ACTIVITY INCLUDED APPROACHING AND SWIMMING BEHIND DREDGE, SPLASHING AND TAIL SLAPPING. THREE MOTHER/ CALF PAIRS SEEN TOGETHER.</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Mermentau / Sabine-Naches Waterway
USACE, Galveston District

DAILY REPORT

Date: 6, 4, 97 Loads: 525-563
Area(s) Worked: 29°37'N 93°48'W, Section 7 (10+000 to 15+000)
Weather Conditions: Clear to Hazy, Partly Cloudy, NW to N to E to SE to SW 6-10, 0-1
Range of H₂O Temperature: Surface 78-83°F Below Mid-Depth 78-79.5°F
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):
DREDGED MATERIAL WAS MUD COMPOSED OF SILT AND CLAY.

BIOLOGICAL SPECIMENS INCLUDED SARGASSUM WEED, OYSTER SHELLS,
WHELK EGG CASES, 23 CUTLASSFISH, 10 TUBEWORMS, LIGHTNING WHELK,
COWNOSE RAY, JELLYFISH, 2 CATFISH, WOOD, FISH BONE.

ABIOTIC MATERIAL INCLUDED PLASTIC, CEMENT, METAL, CLOTH, LINE, NET,
WIRE MESH, WIRE, ROPE, SHIRT, TOASTER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>6</u>	<u>29</u>	<u>ACTIVITY INCLUDED TAIL SLAPPING, APPROACHING</u> <u>DREDGE, BOWRIDING, HUNTING.</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 6 / 5 / 97 Loads: 564-594Area(s) Worked: 29°37'N 93°48'W SECTION 7 10+000 to 15+000Weather Conditions: CLEAR to CLOUDY, NW to SW to SE 6-10 KNOTS, 0-1' SEASRange of H₂O Temperature: Surface 79°-82.5° F Below Mid-Depth 78°-81.5° FCondition of all screening apparatus: GOODAre there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):

DREDGED MATERIAL WAS MUD COMPOSED OF SILT AND CLAY.BIOLOGICAL SPECIMENS INCLUDED SARGASSUM WEED, OYSTER SHELLS,
CONCH SHELL, 3 CUTLASSFISH, WHELK EGG CASES, 1 BLUE CRAB,
2 TUBEWORMS, 2 JELLYFISH, WOODABIOTIC MATERIAL INCLUDED CLOTH, PLASTIC, ROPE, ALUMINUM CAN,
LINE, TIRE, NET, CRAB TRAP, RUBBER, CHAIN, METAL, FIBERGLASS,
MESH BAG.NUMEROUS CLUMPS OF SARGASSUM WEED AND SCHOOLS OF MENHADEN
NEAR CHANNEL.DREDGE WENT TO DOCK FROM 720 UNTIL 1228 TO REFUEL.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>6</u>	<u>27</u>	<u>ACTIVITY INCLUDED TAIL SLAPPING,</u>
			<u>APPROACHING DREDGE AND FOLLOWING</u>
			<u>DREDGE.</u>

Observer(s) On Duty: PATRICK MCKANN, CATHY SAKAS

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 06/06/97 Loads: 545-633

Area(s) Worked: Station 10+000 to 15+000 Section # 7

Weather Conditions: Partly cloudy, S-W 5-15 knots, Seas calm-2

Range of H₂O Temperature: Surface 79°-80° Below Mid-Depth 79°-81°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is a lot of uniform consistent composed
predominantly of silt, clay, sand, and some small pieces of wood, what appears
cutlass, jellyfish, small shell worm, fish, and like shells.
Abiotic samples include, plastic, wire, line, net, rope, clothing,
cable, copper tube, steel tape, metal, PVC pipe, etc.
All equipment and gear is intact and in good working order.

There were no incidents involving endangered or protected
species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>7</u>	<u>33</u>	<u>Bottlenose Dolphin</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Cathy Baker, Patrick McMahon

ENDANGERED SPECIES OBSERVER PROGRAMDredge **MERMENTAU** - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 06/07/97 Loads: 634-667Area(s) Worked: Section 9+000 to 15+200 Section # 7Weather Conditions: Mostly clear + cloudy, S-SW winds 5-10 Kts, Seas 1' to 1-2'Range of H₂O Temperature: Surface 76°-83° F Below Mid-Depth 76°-83° FCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge expanded section #7 to include Stations 9+000 to 15+200. Dredge material is Silt with some Clay.Biological specimens include: tube worms, oyster shells, Sargassum weed, plant root, whelk egg casings, 4 Atlantic cutlass fish,1 unidentified ray, 1 jellyball, 1 lightening whelk, 1 ponderous ark clam,Garbage samples include: tin cans, clothing, line, net, rope, plastic, wood, metal, plastic tubing, duct tape, wire, rubber and 1 milk carton.Equipment and screening intact and in good working order.Observer Charlotte Cates replaced Patrick McKinn at ≈ 0630 hours.There were no incidents involving endangered or protected species.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>11</u>	<u>56</u>	<u>Bottlenose dolphins</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cates Cathy Sakas

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

WEEKLY SUMMARY

Dates: 06 101 197 - 06 107 197

Loads: 409-667

Range of H₂O Temperature: Surface 76°-83° F

Below Mid-Depth 76°-83° F

Area(s) Worked: Loads 409-468 Section #8 5+000 to 10+000; Loads 469-654 Section #7 10+000 to 15+000;
Loads 655-667 Section #7 extended 9+000 to 15+200; 29°37'N 93°48'W

Are there incidents involving endangered or protected species? Yes No X

Comments:

Dredged material is a fine mud of uniform consistency composed of clay and silt.

Biological specimens collected on the screens included ^(abundant) tube worms, oyster shells, Sargassum weed, plant roots, whelk egg cases, 59 Atlantic cutlass fish, 1 unidentified ray, 1 cownose ray, 1 devil ray, 10 jelly balls, 3 lightening whelks, 1 ponderous ark shell (live), 2 unidentified fish, heart cockle shells, conch shells, 1 blue crab, 1 unidentified crab, 5 sea catfish, fish bone, 1 gooseneck barnacle, 1 menhaden, oyster drill shells, smooth duck clam shell, scallop shells.

Abiotic material collected included plastic (most prevalent), cloth, duct tape, fishing line, net, rope, aluminum, wood, wire, glove, milk carton, line, metal, crab trap, mesh bag, rubber, rope bumper, cable, foam rubber, zipper, shirt, toaster, cement, tire, chain, copper tube, PVC pipe, oil filter, tin cans, plastic tubing

At various times throughout the week numerous clumps of Sargassum weed, large schools of menhaden and less dense concentrations of jelly balls were observed.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Tursiops truncatus</i></u>	<u>55</u>	<u>235</u>	<u>Activity included tail slapping, approaching dredge, following dredge, bow riding, hunting, swimming in dredge's wake, three mother/calf pairs were observed in one pod.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: CATHY SAKAS, PATRICK McKANN, CHARLOTTE CATES

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 06/08/97 Loads: 668 to 701Area(s) Worked: load 668-680, 684-701 Section #7 91000-151200, loads 681-683, Section #6 151000-201000Weather Conditions: mostly sunny to overcast, variable wind light to 5 kts, seas calmRange of H₂O Temperature: Surface 76°-83°F Below Mid-Depth 76°-83°F 2'Condition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with some clay. Biological specimens include; tube worms, oyster shells, rays (2), 2 cutlass fish, heart cockle shells, ark shells, Sargassum weed. Garbage samples include; plastic, line, net, rope, crab pots, wood, cable, rubber, fiberglass, aluminum cans, rug parts, wire, mesh bag. Equipment and screening in good working order and intact.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<i>Turrops truncatus</i>	2	6	

Observer(s) On Duty: Charlotte Cates, Cathy Sakas

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 06/09/97 Loads: 702-736Area(s) Worked: Section 7, Stations 9+000-15+200Weather Conditions: Clear to Cloudy with light rain, variable winds 6-12 kts, Seas 1-2'Range of H₂O Temperature: Surface 80°F Below Mid-Depth 74°FCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with some clay. Biological specimens include: Sargassum, tube worms, Ark Shells, Oyster Shells, Cutlass fish, whelk casings. Trash items include: plastic, wood, rope, line, net, cloth, cable, crab pot and other assorted garbage. Equipment and screening intact and in good working order. Sue San Chan replaced Cathy Sakas as turtle observer.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>22</u>	

Observer(s) On Duty: Charlotte Cates, Cathy Sakas, Sue San Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 06/10/97 Loads: 1737 to 1770
Area(s) Worked: Section #7 9:000-15+200 loads 1737-1751, Section 6 15+000-20+
1753-1757
Weather Conditions: Partly cloudy, variable winds 8-10 Kts, Seas 1-2'
Range of H₂O Temperature: Surface 22°C Below Mid-Depth 22°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Biological samples
consisted of very old weathered turtles bones. Trash items
included; rope, plastic, net, line, one boot, plastic bags and
tin cans. Port arm was not used from 0840 hours to
1007 hours so that the TED could be repaired. It had
become loose from the drag head. Equipment & screening
intact and functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>			

Observer(s) On Duty: Charlotte Cates, SueSan Chan

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 06/11/97 Loads: 1771-1805Area(s) Worked: Station 9+000-15+200Weather Conditions: Clear Skies, variable winds 2-10 knots, Seas 1-2'Range of H₂O Temperature: Surface 69°-81°F Below Mid-Depth 69°-81°FCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with some clay. Biological specimens include several old weathered turtle bones and one cutlass fish. Trash items include; plastic, line, net, rope, wood, clothing and wire. Port drag head was rewelded in the afternoon. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>4</u>	<u>49</u>	<u>Bottlenose dolphins feeding on schools of menhaden.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Cates, Sue San Chan.

ENDANGERED SPECIES OBSERVER PROGRAMDredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 6 / 12 / 97 Loads: 1806 - 1840Area(s) Worked: sec. 7: 9+000 - 15+200 / sec. 6: 15,000 - 20,000Weather Conditions: mostly clear, hazy; variable winds @ 2-10 knots; seas @ 1'-2'Range of H₂O Temperature: Surface 69° Below Mid-Depth 69°Condition of all screening apparatus: goodAre there incidents involving endangered or protected species? Yes No ☒

Comments (type of material being dredged, biological specimens, etc.):

Dredge material comprised of silt and clay. Biological specimens included a channel catfish head bone, whelk casings, shells. Trash items included plastic, ropes, netting, wires, rags, hoses.All equipment and screening intact and in good working order.No incidents involving endangered species.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>6</u>	<u>41</u>	<u>Bottlenose dolphins feeding, playing</u>

Observer(s) On Duty: SueSan Chan, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAMDredge **MERMENTAU** - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 6 / 13 / 97Loads: 1841-1851Area(s) Worked: sec. 7: 9+000 to 15+200Weather Conditions: mostly clear; winds variable (S-W) @ 8-20 knots; seas @ 1'-4'Range of H₂O Temperature: Surface 29.5° C Below Mid-Depth 29.5° CCondition of all screening apparatus: goodAre there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material comprised of silt and clay. No biological specimens collected. Trash items include plastics, rope, netting.Equipment and screening intact and in good working condition.Mermentau left for port @ 0640 for water and repairsMermentau left port @ 2230.No incidents involving endangered species.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
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<u>T+</u>	<u>1</u>	<u>3</u>	
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Observer(s) On Duty: SueSan Chan, Charlotte Cates

ENDANGERED SPECIES OBSERVER PROGRAMDredge **MERMENTAU** - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 6/14/97 Loads: 1852-1876Area(s) Worked: Station 9+000-15+200 #1852-1859, 1861-1876, Sta. 15+000-20+000 #18Weather Conditions: Clear Skies, S to SW winds 10-18 kts, Seas 2-4'Range of H₂O Temperature: Surface 29°-29.5°C Below Mid-Depth 29°-29.5°CCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with some clay. Biological specimens include; jellyfish, Atlantic cutlass fish, whelk shell. Trash items include; rope, net, line, plastic, tin, clothing and other assorted trash. Dredge was down for repairs at 1018 and resumed dredging at 1527 hours.

There were ^{no} incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>5</u>	<u>15</u>	

Observer(s) On Duty: Charlotte Cates, Suw Son Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

WEEKLY SUMMARY

Dates: 06/08/97 - 06/14/97

Loads: 10608 to 10876

Range of H₂O Temperature: Surface 22° - 29.5°C

Below Mid-Depth 22° - 29.5°C

Area(s) Worked: Good

Are there incidents involving endangered or protected species? Yes _____ No ✓

Comments: Dredge continues working red side tow and
Quarter lines. Dredge material is silt with some clay.
Biological specimens include; tube worms, oyster shells, rays,
cutlass fish, heart cockle shells, ark shells, Sargassum
weed, whelk egg casings, Channel Catfish head bone,
Trash items include; net, plastic rope, tin, line, clothing, hoses
wood, wire, fiberglass, crab pots, mesh bag, aluminum cans
and other assorted trash.

On 6/13/97 Dredge went to port for fuel and water.
Sue San Chan replaced Cathy Sakas as turtle observer on
6/9/97.

Equipment and Screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>6</u>	<u>136</u>	<u>Bottlenose dolphin</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Charlotte Cates, Sue San Chan, Cathy Sakas

Dredge MERMENTAU - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

06/15/97

Loads: 1877-1906

Worked: Section 7, Station 9+000-15+200 #1877-1885, 1889-1901

Section 6 15+000-20+000 1886-1888, Section 8, Sta 5+000-10+000 #1902-1904

Weather Conditions: Clear to partly cloudy, variable wind 8-13 kts, seas 1-3'

Range of H₂O Temperature: Surface 20°-21.5°C Below Mid-Depth 18.5-20°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No Y

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Biological specimens include; one shark, jelly fish, shell. Trash items include; net, line, rope, clothing, plastic, cloth, metal, port drag arm down from 0630-0747 hours to place cable. Equipment and screening intact and in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Lusops truncatus</u>	<u>8</u>	<u>28</u>	<u>Bottlenose dolphins</u>

Observer(s) On Duty: Charlotte Cates, Sue Son Chan

Dredge MERMENTAU - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 06/16/97 Loads: 1907-1942
 Area(s) Worked: Section 8, Stations 5+000-10+000
 Weather Conditions: Partly Cloudy, winds S to SSW 8-14 knots, Seas 2-4'
 Range of H₂O Temperature: Surface 24°-31°C Below Mid-Depth 24°-31°C
 Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues working in Section # 8. Dredge material is silt with increasing amounts of clay.
Biological Specimens include; Shell, whelk egg casings, Sargassum, 3 Atlantic cutlass fish, Sargassum weed, 1 catfish.
Trash items include; net, line, rope, wood, plastic, clothing, rain slicker, glass, cloth, plastic buckets, floats and other assorted trash. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>9</u>	<u>84</u>	<u>Bottlenose Dolphin</u>

Observer(s) On Duty: Charlotte Cates, Sue San Chan

ENDANGERED SPECIES OBSERVER PROGRAMDredge **MERMENTAU** - Sabine Pass, TX

USACE, Galveston District

DAILY REPORTDate: 06/17/97Loads: 1943-1975Area(s) Worked: Section #8, Stations 51000-101000Weather Conditions: Partly Cloudy-thunderstorms. SW'ly winds 10-34 kts. Seas 1-5'Range of H₂O Temperature: Surface 26-29.5°C Below Mid-Depth 26-29.5°CCondition of all screening apparatus: Good

Are there incidents involving endangered or protected species?

Yes

No

X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with increasing amounts of clay. Biological specimens include: Atlantic cutlass fish, sargassum weed, shells, stingray. Trash items include: line, net, rope, clothing, toothbrush, plastic, mattress foam, metal, wood, cloth and plastic bucket. Dredge was down from 1426 hours to 1502 hours due to severe storms and from 1508-1548 hours dredge dug with port arm only. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>13</u>	<u>92</u>	<u>May be sightings of same animals feeding in the channel</u>

Observer(s) On Duty: Charlotte Cates, SueSan Chano

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 06/18/97 Loads: 1976-2010

Area(s) Worked: Stations 5+000-10+000 & 15+000-20+000

Weather Conditions: Cloudy, Variable wind 7-18kts, Seas 1-3'

Range of H₂O Temperature: Surface 26°C Below Mid-Depth 26°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material is silt with some clay. Biological specimens include; Atlantic Cutlass fish, Catfish, Sargassum weed. Trash items include; line, net, rope, plastic, Cloth, Clothing, crabpot, oil filter, wood, shell, tin cans, wire. Dredge moved from Section #8 Stations 5+000-10+000 to Section #6 Stations 15+000-20+000. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Sipho truncatus</i></u>	<u>4</u>	<u>19</u>	

Observer(s) On Duty: Charlotte Cakes, SueSan Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 06/19/97 Loads: 2011-2047

Area(s) Worked: Section 6, Stations 15+000-20+000

Weather Conditions: Partly Cloudy, light wind to South wind 18 Kts Seas 1-2.5'

Range of H₂O Temperature: Surface 26°-28°C Below Mid-Depth 26°-28°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues work on red tow line in Section #6, Stations 15+000-20+000. Dredge material is silt with little clay. Biological specimens extremely light consisting of; Sargassum weed, shells, one possible old dolphin bone, whelk egg casings and one jelly fish. Trash items consist of several large fishing nets, line, rope, plastic, plastic buckets, wood, clothing rags, tin cans, oil filter, wire, duct tape and other assorted trash. Tide gage meter was not working today. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>60</u>	<u>25</u>	

Observer(s) On Duty: Charlotte Cates Sue San Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 6/20/17 Loads: 2048-2089
Area(s) Worked: Section 6 Station 15+000-20+000, Section 7 10+000-15+000
Weather Conditions: Partly cloudy & hazy, Sly + SE wind 7-18 Kts, Seas 1-4'
Range of H₂O Temperature: Surface 27-28°C Below Mid-Depth 27.5-29.5
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):
Dredge worked red tow line in Section 6, Station 15+000-20+000. Dredge moved to Section 7, Station 10+000-15+000 to work on center line to the east tow line. Biological specimens are very light consisting of Sargassum, shells, coconut, Trash items include, 1 boot, oil filter, nets, line, rope, wire, plastic, Carpet, cloth, clothing, cans, foam, and wood. Tide machine resumed working at 0949 hours today. All equipment and screening intact and in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>ursops truncatus</i></u>	<u>6</u>	<u>25</u>	<u>Bottlenose dolphin</u>

Observer(s) On Duty: Charlotte Cates, SueSan Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX
USACE, Galveston District

18 JUL 1997

DAILY REPORT

Date: 6/21/97 Loads: 2089-2130Area(s) Worked: Section 7 Stations 10+000-15+000Weather Conditions: Partly cloudy to overcast, Sly wind 13-22 kts, seas 2-5Range of H₂O Temperature: Surface 27-28°C Below Mid-Depth 26-28°CCondition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes No ✓

Comments (type of material being dredged, biological specimens, etc.):

Dredge worked center line to east-tow line in Section 7 Stations 10+000-15+000. Dredge material is silt with some clay. Biological specimens light consisting of Atlantic cutlass, Sargassum, shells. Trash items include; chains, tooth net, line, rope, plastic, wood, cloth, wire, cans, bags, and other assorted trash. All equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<i>ursiops truncatus</i>	<u>16</u>	<u>111</u>	<u>Bottlenose Dolphin</u>

Observer(s) On Duty: Charlotte Cates, Sue San Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 06/15/97 - 06/21/97

Loads: 1877-2130

Range of H₂O Temperature: Surface 20°-31°C

Below Mid-Depth 18.5°-31°C

Area(s) Worked: Sections 6-8, Stations 5+000-20+000

Are there incidents involving endangered or protected species? Yes No X

Comments: Dredge worked in sections 6-8, Stations 5+000-20+000,
working center line to east tow line. Dredge material is silt
with some clay. Biological specimens light consisting of;
one decomposing shark, jellyfish, shell, whelk egg casings,
Atlantic Cutlass fish, Sargassum, Catfish, Stingray, one
possible old dolphin bone, Coconut. Trash items include;
several large nets, line, rope, clothing, plastic, cloth,
metals, wood, rain slicker, glass, plastic buckets, floats,
toothbrush, toothpaste, mattress foam, Crabpot, oil
filter, tin cans, wire, duct tape and other assorted trash.
Dredge was shut down on 6/17/97 from 1426-1502 due to
weather. Tide gage meter was down 6/19 - 6/20 and
resumed working at 0949 hours. All equipment and
screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Stips truncatus</i></u>	<u>62</u>	<u>384</u>	<u>Bottlenose dolphin. Some sightings</u>
<u> </u>	<u> </u>	<u> </u>	<u>may have been of same dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u>feeding in channel.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers On Duty: Charlotte Cates, SueSan Chan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 6 / 22 / 97 Loads: 2131-2168
Area(s) Worked: Section #7, Stations 10+000-15+000
Weather Conditions: Partly Cloudy, Sily + SE winds 15-20 Kts, Seas 3-5'
Range of H₂O Temperature: Surface 27-28.5°C Below Mid-Depth 27-28.5°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.): Dredge Continues
work in Section 7, Station 10+000-15+000. Dredge material
is silt with some clay. Biological specimens light in quantity
consisting of sargassum weed, whelk egg casings, shells,
Atlantic Cutlass fish. Trash samples also light consisting
of, wood, rope, line, net, wire, plastic, Burlap bags, cloth,
clothing, cans, chains, and plastic jugs. Equipment and
screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>15</u>	<u>102</u>	<u>Some sightings may have been of sa.</u>
<u> </u>	<u> </u>	<u> </u>	<u>Animals feeding in the channel.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Charlotte Caks, Sue San Chan

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 06/23/97 Loads: 2169-2208
Area(s) Worked: Section 7 10+000-15+000 and Section 8 5+000-10+000
Weather Conditions: Partly cloudy to cloudy, S+SE wind 10-20 Kts, seas 2-5'
Range of H₂O Temperature: Surface 27°-28°C Below Mid-Depth 27°-28°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge worked in Stations 10+000-15+000 Section 7 for loads 2169-2184, working center line to east tow line. Dredge then moved to Section 8 Stations 5+000-10+000 to work center line ~~and~~ to east tow line. Dredge material is silt with increasing amounts of clay. Biological specimens light consisting of blue crabs, increasing Sargassum weed. Garbage samples include: line, net, rope, Burlap bags, plastic, plastic spools, clothing, cloth and other assorted trash. All equipment and screening intact and fully functional.

Laura Morse replaced Sue San Chan as turtle observer.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>Tursiops truncatus</i></u>	<u>2</u>	<u>6</u>	<u>Bottlenose dolphins</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cakes, Laura Morse

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *MERMENTAU* - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

Date: 6/24/97

Loads: 2209-2249

Area(s) Worked: Section #8, Stations 5+000-10+000 ? 10+000 10+500

Weather Conditions: Cloudy, Calm to Sily wind 5 Kts, Seas Calm to 3'

Range of H₂O Temperature: Surface 29° C Below Mid-Depth 29° C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge continues work in Section 8, Stations 5+000-10+000. Dredge material is silt with some clay. Biological specimens light consisting of Sargassum weed, Cutlass fish, Garbage. Samples light consisting of; line, rope, net, plastic, wood, wire, cloth, clothing and other assorted trash. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Began working Station 7 in afternoon

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>2</u>	<u>4</u>	<u>Bottlenose dolphin</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Charlotte Cates, Laura Morse

DAILY REPORT

12/25/97 Loads: 2250 - 2289

Worked: 10:00 to 15:00

Conditions: Cloudy, Seas 1-3ft, S-N, 5-20k, spec =

W/O Temperature: Surface 29.0 C Below Mid-Depth 29.0

Condition of all screening apparatus: Good

Incidents involving endangered or protected species? Yes

Describe material being dredged, biological specimens, etc.):

Dredging stations 5000 to 10000. Material silt w/ some clay.
Biological specimens light consisting of Sargassum weed, cutlass fish, blue crabs.
Garbage light - consisting of line rope, net plastic, wood, wire cloth, clothing
and other assorted trash.
All equipment & screening intact and fully functional
No incidences involving endangered species

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u>Truncatula</u>	<u>6</u>	<u>35</u>	<u>Inert, assoc w/ shrimp boat</u>

Observer(s) On Duty: Charlotte Cates, Laura Hase

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge, MERMENTAU - Sabine Pass, TX

USACE, Galveston District

DAILY REPORT

26, 97

Loads: 2290 - 2329

Time: 1000 - 1500

Conditions: Wind light & variable, Seas 2-3 ft, PH cloudy

Temperature: Surface 30 °C Below Mid-Depth 30 °C

Condition of all screening apparatus: Excellent

Incidents involving endangered or protected species? Yes No

Name of material being dredged, biological specimens, etc.): Observer

Observer Cates at 0800 hrs. Material being dredged was silt.

Biological Samples were light and included
egg casings, 1 knobbed whelk, 1 juvenile shorte, 1 Atlantic cutlass fish
seed.

Abiotic specimens were trash, cloth

wood

There were no incidents.

Bridge Watch Summary

of Sightings

of Animals

Comments

N/A

N/A

Animals seen throughout

On Duty: Laura Morse, Rory Behrler

DAILY REPORT

27, 97 Leads: 2330 - 2355
Time: 1000 - 1500
Conditions: Seas 1-2 ft, pty cloudy, Wind S. and light
Temperature: Surface 30 °C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus in excellent condition

Incidents involving endangered or protected species? Yes _____

No ☒

Type of material being dredged, biological specimens, etc.): The vessel departed
from ~ 0830 - 0930 hrs for supplies. Material being dredged
was mainly silt. Biological specimen accumulation
was very light and consisted of 1 oyster shell and seaweed.
Trash was also observed in
inflow screening.

There were no incidents.

Bridge Watch Summary

# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

(s) On Duty Morse / Bahadur

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 6/28/97 LOADS: 2356 - 2389
Area(s) Worked: 10+000 — 20+000
Weather Conditions: Wind WSW 5-10kts, Seas 1-2ft, PHy cloudy
Range of H2O Temp: Surface 30 °C Below Mid-dpth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was mainly silt.
Biological samples were light and included only seaweed and one Atlantic cutlass fish.
There was a slight increase in abiotic samples observed today.
There were no incidents.

Trash consisted of plastics, rope, clothing line, fishing gear etc..

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>S</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Morse / Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 6/22/97 - 6/28/97

Loads: 2131 - 2389

Range of H₂O Temperature: Surface 27° - 30°C

Below Mid-Depth 27° - 30°C

Area(s) Worked: Sections 6-8, Stations 5⁺⁰⁰⁰ - 20⁺⁰⁰⁰

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments: Material being dredged is silt with some clay.

Biological specimen accumulation in inflow screening was light and included blue crabs, Sargassum weed, 1 Atlantic cutlass fish, 1 juvenile shark, whelk egg cases and oyster shells.

Trash items included several large nets, line, rope, clothing, plastic, cloth, metal, wood and cans.

Screens are in good condition

Observer Bahadur replaced observer Cates at 0800 hrs on 6/26/97

Shrimp boats have been noted operating in the channel and its vicinity

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>N/A</u>	<u>N/A</u>	<u>Turkeys seen repeatedly during the day. May be multiple sightings of the same animals.</u>
			<u>Animals have operated within 50 ft. approached w/in 50 ft. of dredge. Also sighted associated with shrimp boat activity.</u>

Observers On Duty: Cates / Morse / Bahadur

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 6/29/97 LOADS: 2390 - 2413
Area(s) Worked: 15⁰⁰⁰ — 20⁰⁰⁰
Weather Conditions: Wind S 8-14 kts, Seas 1-3 ft, Rly cloudy
Range of H2O Temp: Surface 30°C Below Mid-dpth
Condition of all screening apparatus: All apparatus is in
excellent condition

Are there incidents involving endangered or protected species?
Yes No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with light clay.
Biological specimen accumulation continued to be light and
consisted entirely of Sargassum and whelk egg cases
Trash accumulation in screening was higher today and included
mesh, line, rope, cloth, scrap metal and assorted plastics

THERE WERE NO INCIDENTS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers On Duty: Baharlar / Morse

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 06/30/57 LOADS: 2414 — 2434
Area(s) Worked: 15⁰⁰⁰ — 20⁰⁰⁰
Weather Conditions: Seas 1-3ft, S Wind 8-15kts, Pfly Cloudy
Range of H2O Temp: Surface 30 °C Below Mid-dpth _____
Condition of all screening apparatus: All apparatus is in excellent condition.

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with light clay.

Biological specimens were extremely light — only one
whell & egg case.
Abiotic specimens, nets, line, plastic and metal, cloth
continue to be present!

THERE WERE NO INCIDENTS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>		

Observers On Duty: Morse / Bachelder

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/1/97 LOADS: 2435 - 2450
Area(s) Worked: 15+000 — 20+000
Weather Conditions: Seas 1-2ft, Wind 5-10kts, P.Hg Cloudy
Range of H2O Temp: Surface 30-31°C Below Mid-dpth _____
Condition of all screening apparatus: Excellent.

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with clay
Biological specimens included, 1 whelk, whelk egg cases
and oyster shells.
Assorted trash was also noted in screening.

THERE WERE NO INCIDENTS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>		

Observers On Duty: Behrman / Morse

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/2/97 LOADS: 2451 - 2467
Area(s) Worked: 15⁰⁰⁰ — 46⁰⁰⁰
Weather Conditions: Seas 1-2 ft, Wind variable to lchrs, Mostly Sunny
Range of H2O Temp: Surface 30-31°C Below Mid-dpth _____
Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with clay balls seen in
Sec # 5
Biological specimens were, lamellibranch shells, 1 blue crab and
polychaete worms
Abiotic specimens were trash, plastic, rope mesh and scrap metal and
wood.
There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>		

Observers On Duty: Bahadur/Morris

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/13/97 LOADS: 2468 — 2493
Area(s) Worked: 15⁰⁰⁰ — 20⁰⁰⁰
Weather Conditions: Clear Skies, Seas - 3ft, Wind usw 8kts
Range of H2O Temp: Surface 30 Below Mid-dpth _____
Condition of all screening apparatus: excellent condition All apparatus in

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with light clay.
Biological specimens included 3 cutless fish and white egg
casings
Abiotic samples are reduced and consist of wood, plastic, metal
and cloth.
Vessel headed to dock after load 2493 at 2306 hrs. for
repairs to stbl. drencher

NO INCIDENTS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>It</u>	<u>3</u>	<u>9</u>	<u>Canter slow rolling,</u>
			<u>milling</u>

Observers On Duty: Bahadur / Morse

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/4/97 LOADS: 2494 — 2523
Area(s) Worked: 10⁰⁰⁰ — 15⁰⁰⁰
Weather Conditions: Light Southerly Wind, Seas - 2ft, Clear Skies
Range of H2O Temp: Surface 30-31°C Below Mid-dpth _____
Condition of all screening apparatus: EXCELLENT

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt.
Vessel left dock at 11:00 hrs after completing repairs to starboard
Biological specimens were Lampbrush shells
Abiotic specimens were wood, metal, plastic cloth and assorted trash
THERE WERE NO INCIDENTS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>It</u>	<u>Continuous</u>	<u>and varied</u>	<u>No unusual behavior</u>

Observers On Duty: Bahadur / Morse

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/5/97 LOADS: 2524 - 2562

Area(s) Worked: 15⁰⁰⁰ - 20⁰⁰⁰

Weather Conditions: Calm weather - became overcast, lightning 46 ft seas, NE wind 30 kts

Range of H2O Temp: Surface 31 °C Below Mid-dpth _____

Condition of all screening apparatus: All apparatus in excellent condition

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Observer Andrea Balla replaced Laura Morse at ca 0700 hrs.

Material being dredged was sand silt and clay.
Biological specimens included 5 Atlantic cutlass fish and
whelk egg cases.

Abiotic samples consisted of assorted trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>It</u>	<u>Continuous</u>		<u>No unusual behaviour</u>
			<u>note - slow rolling, and surfacing</u>
			<u>note.</u>

Observers On Duty: Morse, Bahadur, Balla

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARYDates: 6, 29, 97 - 7, 5, 97Loads: 2390 - 2562Range of H₂O Temperature: Surface 30 - 31 °C

Below Mid-Depth _____

Area(s) Worked: 10⁺⁰⁰⁰ — 20⁺⁰⁰⁰

Are there incidents involving endangered or protected species?

Yes _____

No XComments: Material being dredged was silt and clayObserver Balla replaced observer Morse at ~ 0700 hrs. on 7/5/97.Biological samples observed in inflow screening included 1 knobbed whelk, whelk egg cases, lamellibranch shell fragments, sedentary polychaete worms, 1 blue crab, 8 Atlantic cutlass fish and Sargassum weed.Other specimens were plastic, metal, cloth, weed fishing net and line and assorted trash.Vessel docked from 2306 hrs to ~ 0400 hrs on 7/3 and 7/4 respectively to facilitate repairs to the stbd dragarm.There were no incidents involving endangered species.**Bridge Watch Summary**

Species

of Sightings

of Animals

Comments

TtContinuousand VocalTursiops activity is being observed almost continuously during the day. No unusual behavior noted and consisted entirely of slow rolling and bow riding.

Observers On Duty:

Morse / Balla / Bahachar

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/26/97 LOADS: 2563 ——— 2599
Area(s) Worked: 10¹⁰⁰⁰ ——— 20¹⁰⁰⁰
Weather Conditions: Seas 3ft, Pily Cloudy, Wind variable 6-15 kts
Range of H2O Temp: Surface 30 °C Below Mid-dpth
Condition of all screening apparatus: All apparatus is in
excellent condition

Are there incidents involving endangered or protected species?
Yes No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt with light clay.
Biological specimens were Sargassum, 1 cutlass fish and
molluscan (Gemma-like) and gastropod shells
Aquatic samples were fishing line, net, mooring lines,
plastic, scraps of metal cloth and wood and one clothes
dryer.

THERE WERE NO INCIDENTS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>Various and continuous</u>	<u> </u>	<u>Splashing, slow rolling</u>
<u> </u>	<u> </u>	<u> </u>	<u>no avoidance behaviors</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers On Duty: Bella/Bahadur

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/7/97 LOADS: 2600 — 2637
Area(s) Worked: 15⁰⁰00 — 20⁰⁰00
Weather Conditions: Wind SSE 15 kts, Seas 3-4 ft, Pily cloudy skies
Range of H2O Temp: Surface 29-30 °C Below Mid-dpth _____
Condition of all screening apparatus: All screening in excellent condition

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged was silt and clay.

Biological specimens in inflow screening consisted of weed, 1 Atlantic cutlass fish and barnacle/branch shell fragments.
Abiotic trash continues to be seen in screening also.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T6</u>	<u>11</u>	<u>52</u>	<u>Varied behavior ranging from slow rolling to jumping, milling, leaping, porpoising and some behaviors associated probably with feeding.</u>
_____	_____	_____	
_____	_____	_____	

Observers On Duty: Babcock / Billa

ENDANGERED SPECIES
OBSERVER PROGRAM
Dredge MERMENTAU - Sabine Pass, Tx
USACE, Galveston District

DAILY REPORT

DATE: 7/18/97 LOADS: 2638 - ~~226~~ 2664
Area(s) Worked: 40¹⁰⁰⁰ - 46¹⁰⁰⁰
Weather Conditions: Seas 4ft, SSE Wind 15-20kts, Overcast (50-70%)
Range of H2O Temp: Surface 29-32°C Below Mid-dpth _____
Condition of all screening apparatus: All screening is in excellent condition.

Are there incidents involving endangered or protected species?
Yes _____ No X

Comments (type of material being dredged, biological specimens etc): Material being dredged is silt with light clay.
Biological specimens were epiant and sedentary polychaetes,
Tanellibranch shell fragments and Nemerlean worms.
Abiotic samples in screening is light and consisted mainly of
small pieces of cloth.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Continuous / varied</u>		<u>ben riding.</u>
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Bahadur / Bolla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge **MERMENTAU SABINE PASS, TEXAS**
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 9, 197 Loads: 2665 - 2690
Amount(s) Worked: 40^{rocc} - 46^{rocc}
Weather Conditions: Sea 3-5 ft, Wind WSW/SE 15-20 kts, Pth. cloudy clearing late
Range of H₂O Temperature: Surface 29 - 31°C Below Mid-Depth _____
Condition of all screening apparatus: All screening is in excellent condition

Any other incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Material being dredged
is silt with some light clay
Biological specimens included 1 catfish (released alive),
blue crabs (*G. sapidus*), polychaetes (*Eteone* and *Serpentaria*), Nemertean
worms, 1 intact whelk and lamellibranch shell fragments
Abiotic samples remain light and include cloth,
rope and scrap metal.
There were no incidents

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u>Manatees</u>	<u>2</u>	<u>12-26</u>	<u>One group rolled on bow and was associated</u> <u>with the dredge for ~15 mins.</u> <u>General slow rolling also observed</u>

Observer(s) On Duty: B. Badier / B. Ball

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7 / 10 / 97 Loads: 2691 - 2715
 Area(s) Worked: 40⁰⁰⁰⁰ - 46⁰⁰⁰⁰
 Weather Conditions: Seas 2-3ft, Wind SSW 12-18kts, Pfly cloudy skies
 Range of H₂O Temperature: Surface 29-31 °C Below Mid-Depth _____
 Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material being dredged was silt with light clay.
Biological specimens were serpulid and erianth polychaetes, Nereis, molluscan (bivalve and gastropod) shells, 1 catfish and scungassum. 1 blue crab (aln. c. supidus)
Abiotic specimens were plastic line and assorted trash
Observer Balla sighted an unidentified turtle off the port side at 1615 hrs in vicinity of buoy #22. It surfaced (shell then head) for a moment and immediately resubmerged.
Due to very turbid (associated with gulf low) water conditions and glare a specific I.D. could not be made. The animal was approximately 2-3ft. in length and the exact sighting location was 29° 31.2' N and 93° 44.8' W.

There were no incidents.

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u>Various</u>	<u>1</u>	<u>1</u>	<u>Slow rolling, weakly associated low mobility.</u>
<u>(supidus)</u>	<u>1</u>	<u>1</u>	<u>1615 see above.</u>

Observer(s) On Duty: B. Becker / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 11, 197 Loads: 2716 - 2741
Amount Worked: 40¹⁰⁰⁰ - 46¹⁰⁰⁰
Weather Conditions: Seas 2-4 ft, SE/SW winds 6-18 kts, Clear skies becoming 40% overcast
Range of H₂O Temperature: Surface 31-32 °C Below Mid-Depth _____
Condition of all screening apparatus: All screening is in excellent condition

Incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Material being dredged was sand and clay.

Starboard screen had to be cleaned every hour because of heavy clay ball build up until load was full when dragtender Martinez and Mate Nelson agreed to flush the screen with "white water" at high r.p.m. at the end of each load. Once again Mermontau provides excellent crew cooperation.

Biological specimens included American norms, errant and sedentary polychaetes, 1 blue crab, light sargassum, lamellibranch and gastropod molluscan shells.

Abiotic samples included (see above), twine, small pieces of mesh, scrap metal and small pieces of plastic.

There were no incidents.

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u><i>truncatus</i></u>	<u>6</u>	<u>31</u>	<u>Animals sighted throughout the day and behaviors included bow riding of freighters to slow rolling independently of and in weak association with the dredge.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Bahadur/Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7 12 97 Loads: 2742 — 2767
Area(s) Worked: 40¹⁰⁰⁰ — 46¹⁰⁰⁰
Weather Conditions: Seas 3ft, Wind SW 6-12 kts, Ptlly Cloudy - Air temp to 105° F
Range of H₂O Temperature: Surface 31-32°C Below Mid-Depth _____
Condition of all screening apparatus: All screening apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material being dredged was silt and clay.
Biological specimens consisted of errant and sedentary polychaetes, Nemertean worms, molluscan (bivalve and gastropod) shells, Sargassum, 2 blue crabs and 1 fish.
Abiotic specimens consisted of assorted trash. Aft starboard loader drill full of dense clay balls at the end of each load. Rinsing by loaders is removing most of it.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>16.</u>	<u>3</u>	<u>10 ± 1</u>	<u>Very active low riding of Greighters.</u>
			<u>Animals repeatedly breaching and</u>
			<u>leaping high (6-8 ft) outside of the</u>
			<u>water.</u>

Observer(s) On Duty: Balla/Bahadur.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 7, 6, 197 - 7, 12, 197

Loads: 2563 - 2767

Range of H₂O Temperature: Surface 29-32°C

Below Mid-Depth _____

Area(s) Worked: Stations 10⁰⁰⁰ - 20⁰⁰⁰ & 40⁰⁰⁰ - 46⁰⁰⁰

Are there incidents involving endangered or protected species? Yes _____ No X

Comments: Material dredged was silt with increasing amounts of clay as dredging of section 5 began on 7/8/97.

Biological specimens included blue crabs, sargassum, polychaete worms, nemertean, lamellibranch and gastropod shells, 1 catfish.

An unidentified turtle was sighted on 7/10/97 at 1615 hrs. at position 29°31.2'N and 93°44.8'W. High turbidity (associated with overflow) and very short surface time made a specific I.D. impossible.

Clay continues to build up in the starboard aft screening. Crew cooperation has prevented this build up from being unmanageable. High r.p.m. raising of screens by draughtsellers mitigates clay build up.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	_____	_____	<u>Animals are being sighted throughout the day mostly low riding of freighters in channel.</u>
_____	_____	_____	<u>To quantify sightings would be misleading since</u>
_____	_____	_____	<u>repeated sightings of resident pods may</u>
_____	_____	_____	<u>be occurring.</u>

Observers On Duty: RORY BAHADUR / ANDREA BALLA

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 13, 97 Loads: 2768 - 2793

Area(s) Worked: 40⁰⁰⁰ — 46⁰⁰⁰

Weather Conditions: Seas 3ft, Wind SW 0-10kts, Pky cloudy skies

Range of H₂O Temperature: Surface 29-31°C Below Mid-Depth

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt with some heavy clay.

Biological specimen accumulation in inflow screening remains light.

Specimens were 1 juvenile red drum, polychaetes (errant and sedentary), nemertean
worms, lamellibranch and gastropod shells, 2 Blue crabs and trace amounts
of grasses.

Abiotic samples consisted of fishing net, line and assorted trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T.6</u>	<u>2</u>	<u>10</u>	<u>Foraging past dredge while at the dump</u> <u>and then riding a freighter.</u>

Observer(s) On Duty: Bahadur / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7 / 14 / 97 Loads: 2794-2819

Area(s) Worked: Stations 40+000 - 46+000

Weather Conditions: See details below - Mostly - 2ft seas, SW wind 5 kts, Pfly cloudy

Range of H₂O Temperature: Surface 29-32°C Below Mid-Depth _____

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt and clay

Biological specimens observed in inflow screening were 2 Blue crabs, errant and sedentary polychaetes, Nemertean worms, shells and trace amounts of Sargassum.

Abiotic specimens included assorted, light trash and fishing nets.

At 1534 hrs. severe squall activity resulted in heavy rain, 60kt winds and intense lightning activity. Waves never became more than 4ft. The vessel's generator twice tripped off due to lightning. Power was restored both times.

Lightning kept the observers off the metallic decks for load #'s 2811 and 2813.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Balla / Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 15, 97 Loads: 2820 - 2834

Area(s) Worked: Stations 40⁰⁰⁰ — 46⁰⁰⁰

Weather Conditions: Seas calm - 2ft, NNE Wind light to 6 kts, Pky cloudy skies

Range of H₂O Temperature: Surface 29-32 °C Below Mid-Depth

Condition of all screening apparatus: All apparatus is in excellent condition.

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Vessel ceased dredging from 0614 hrs to 1538 hrs. to go to the dock for fuel and water.

Material being dredged was silt and trace amounts of clay. Biological specimens were light and included Nemertean worms, Chaetes (errantia and sedentaria) bryozoan and gastropod molluscan shell fragments and trace amounts of Sargassum.

Nonbiological material accumulation in inflow screening was incredibly light and consisted of minute amounts of plastic debris.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u> </u>	<u> </u>	<u> </u>	<u>No Sightings.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Behadur/Bella

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 16, 97 Loads: 2835 - 2858

Area(s) Worked: Stations 40⁰⁰⁰ - 46⁰⁰⁰

Weather Conditions: Clear skies, Seas - Beaufort Scale 3, Wind variable to 10 kts

Range of H₂O Temperature: Surface 29 - 31 °C Below Mid-Depth _____

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Field engineer and mate reported seeing: "A probable Kemp's ridley turtle surfaced near a floating rope. It was not entangled in it and was close to Sargassum drift. The approximate shell width was 1½ - 2 ft."

Material being dredged was silt.

Biological specimens were 1 dead catfish, polychaetes (errantia and sedentaria), Nemeritean worms, lamellibranch and gastropod molluscan shells, 1 Sargassum and light Sargassum.

Abiotic debris consisted of light, assorted trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>K. ridley??</u>	<u>See</u>	<u>above</u>	<u>text.</u>

Observer(s) On Duty: Bihadur/Bolla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 17, 97 Loads: 2859 - 2879
Area(s) Worked: Stations 40¹⁰⁰⁰ - 46¹⁰⁰⁰
Weather Conditions: Seas 1-3 ft, Variable Wind to 10 kts, Pkly cloudy skies
Range of H₂O Temperature: Surface 30-32°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Dredging operations were suspended from 0100-0624 hrs to repair a fuel leak.
Material being dredged was silt.
Biological specimens were errant and sedentary polychaetes, Nemertean worms, lamellibranch and bivalve shells and trace amounts of Sargassum.
Assorted trash was also observed in inflow screening.
There were no incidents.

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>2</u>	<u>6</u>	<u>Bow riding / porpoising on freighter.</u>
			<u>At 1940 hrs. one animal was observed</u>
			<u>jumping 8-10 ft out of water repeatedly</u>
			<u>about 20 ft off stbd. beam.</u>

Observer(s) On Duty: Behadur / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 18, 97 Loads: 2880 — 2904

Area(s) Worked: Stations 40⁰⁰⁰ — 46⁰⁰⁰

Weather Conditions: Seas 2-3ft, Wind SSW 15 kts, Ptlly cloudy becoming clear

Range of H₂O Temperature: Surface 31°C Below Mid-Depth _____

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

Material being dredged was silt and some clay

Biological specimens included 10 blue crab (*Callinectes sapidus*), Errant and sedentary polychaetes, shells (lamellibranch & gastropod mollusc), Nemerleian worms and trace amounts of *Sargassum*

Abiotic samples were light, assorted trash.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Bahadur/Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, A, 197 Loads: 2905-2930
Area(s) Worked: Stations 40⁰⁰⁰ — 46⁰⁰⁰
Weather Conditions: Seas < 2ft, Variable wind 5-15 kts, Mostly clear skies
Range of H₂O Temperature: Surface 29-30 °C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Any other incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material being dredged was silt with some clay
biological specimens were polychaetes, ~~that~~ lamellibranch and gastropod
shells, Nereidean worms and light sargassum.
Assorted trash was also noted in screens.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	<u>0</u>		

Observer(s) On Duty: Bahadur/Balle

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Mermentau* / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 7, 13, 97 - 7, 19, 97 Loads: 2768 - 2930

Range of H₂O Temperature: Surface 29-32°C Below Mid-Depth _____

Area(s) Worked: Stations 40⁺⁰⁰⁰ - 46⁺⁰⁰⁰

Are there incidents involving endangered or protected species? Yes _____ No X

Comments: Material being dredged was silt and clay
Biological specimens consisted of Sargassum, Errant and Sedentary
polychaetes, lamellibranch and gastropod shells, 6 Blue crabs, 2 Stingrays, 1
juvenile red drum and Nemerlean worms.

Severe squall activity on 7/14/97 resulted in temporary loss of
airconditioning. On 7/15/97 dredging was suspended from 0614 hrs to
0538 hrs for fuelling.

On 7/16/97 the field engineer and male reported seeing what they
thought was a Kemp's ridley sea turtle. See relevant daily report for
details of sighting.

Dredging operations were suspended on 7/17/97 to facilitate
repairs to a fuel leak from 0100 - 0624 hrs.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T6</u>	_____	_____	<u>Animals are sighted throughout the day mostly</u>
_____	_____	_____	<u>low riding of freighters in channel. Some</u>
_____	_____	_____	<u>porpoising and breaching behavior was also</u>
_____	_____	_____	<u>observed.</u>

Observers On Duty: BAHADUR / BALLA

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7/20/97 Loads: 2931-2955
Area(s) Worked: Stations 40¹⁰⁰⁰ - 46¹⁰⁰⁰
Weather Conditions: Seas < 2ft, Winds SSW 10 kts, Ptly cloudy skies
Range of H₂O Temperature: Surface 29-31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): As of 1214 hrs. all
anchor chains on the Port Side turtle deflector device (TDD) have been
loose and are non-operational
Material being dredged was silt
Biological specimens were polychaetes, molluscan shells, Nemertean
worms, 1 Southern stingray and trace Sargassum.
Assorted trash was also observed in screens.
There were no incidents.

Bridge Watch Summary

	# of Sightings	# of Animals	Comments
<u>0</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Balla/Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 21, 97 Loads: 2956 - 2982
Area(s) Worked: Stations 40¹⁰⁰⁰ - 46¹⁰⁰⁰
Weather Conditions: Seas < 2ft, SSW wind 8kts, Ptlly cloudy.
Range of H₂O Temperature: Surface 29-31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

Material being dredged was silt
Biological specimens were Nemertean worms, Polychaetes (errant and
sedentary), lamellibranch and gastropod molluscan shells and trace amounts
Sargassum.
Light, assorted trash was also observed in screens.
There were no incidents,
No chains on birt TDD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt.</u>	<u>Continuous,</u>	<u>repeated</u>	<u>sightings throughout the day</u>
	<u>with behaviors</u>	<u>ranging from</u>	<u>slow rolling to breaching</u>
	<u>and breaching.</u>		

Observer(s) On Duty: Balla/Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7/22/97 Loads: 2983-3008
Area(s) Worked: Stations 40^{to}46
Weather Conditions: Seas 4ft, Wind SSW 15 kts, Ptlly cloudy
Range of H₂O Temperature: Surface 29-32°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material being dredged was silt.
Biological specimens were polychaetes, Nemertean worms,
amphibian and gastropod molluscs and trace sargassum.
Also noted in screens was assorted trash.
Port TDD is non functional.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>			

Observer(s) On Duty: Balla/Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 23, 97 Loads: 3009 - 3028
Area(s) Worked: Stations 40+00 - 46+00
Weather Conditions: Beaufort 3-4, partly cloudy, hazy, warm, winds
Range of H₂O Temperature: Surface 28-32°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
material being dredged was silt and
some clay.
Biological specimens were Polychaetes,
Nemertean worms, Lamellibranch & gastropod
molluscs and trace sargassum.
Abiotic specimens consisted of
assorted trash.
Port TDD is non-functional
Observers departed vessel at 1830 hrs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>t.t</u>	<u>2</u>	<u>16</u>	<u>both sightings involved</u> <u>bowriding & porpoising</u> <u>in front of tankers</u>

Observer(s) On Duty: BALLA / BAHADUR

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 26, 97 Loads: 3042 - 3059
Area(s) Worked: Stations 70¹⁰⁰⁰ — 75¹⁰⁰⁰
Weather Conditions: Beaufort 3-4, Overcast, rainy becoming sunny, winds light/variable
Range of H₂O Temperature: Surface 31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): Material being dredged is silt.

Biological specimens included 3 large whelks, various large shellbranch shells

Also noted in screens was light, assorted trash.

Port TDD is missing chains.

Observers boarded vessel at 1015 hrs.

There were no incidents.

Bridge Watch Summary

# of Sightings	# of Animals	Comments
<u>0</u>		

Observer(s) On Duty: Bahadur/Ballo

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Mermentau / Sabine-Naches Waterway

USACE, Galveston District

WEEKLY SUMMARY

Dates: 7, 20, 97 - 7, 26, 97

Loads: 2931 - 3059

Range of H₂O Temperature: Surface 28-32°C

Below Mid-Depth _____

Area(s) Worked: Stations 40¹⁰⁰⁰ - 46¹⁰⁰⁰ and 70¹⁰⁰⁰ - 75¹⁰⁰⁰

Are there incidents involving endangered or protected species? Yes _____

No X

Comments: Observers disembarked the Mermentau and boarded the Atchafalaya at 1830 hrs on 7/23. The Mermentau headed to shipyard in Texas City and the Atchafalaya began water injection dredging operations. When the Mermentau returned to the dig site the Atchafalaya ceased dredging and at 1015 hrs on 7/26 the observers disembarked the Atchafalaya and reboarded the Mermentau as this vessel resumed dredging.

Material being dredged was sandy silt and some clay.

Biological specimens were 1 Southern Stingray, lamelli branch and gastropod molluscan shells, Errant and sedentary polychaetes, Nemertean worms and trace amounts of Sargassum.

Assorted light trash was also observed in screening.

The port 'turtle' deflector device was damaged on 1214 hrs. The outboard side of this device is missing excluder chains.

An increase in frequency of occurrence of large gastropod shells was noted as the vessel began dredging stations 70¹⁰⁰⁰ - 75¹⁰⁰⁰.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Continuous</u>	<u>sightings</u>	<u>of animals noted throughout the day in the vicinity of the Channel. Behaviors included bow riding, slow rolling, breaching, tail slapping and porpoising. Pods as large as 20 animals were observed.</u>

Observers On Duty: Behadur / Baller

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 27, 197 Loads: 3059 - 3087

Area(s) Worked: Stations 70¹⁰⁰⁰ - 75¹⁰⁰⁰

Weather Conditions: Seas 1-2 ft, WSW wind 15 kts, Ptlly cloudy skies

Range of H₂O Temperature: Surface 31-32°C Below Mid-Depth _____

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt with some clay

Biological specimens included lamellibranch and gastropod shells, annelid worms, Errant/Sedentary polychaete annelids and trace infauna. During load 3078 there was an heavy build up of shells that clogged the port side inflow screening.

Very little abiotic debris is being observed.

Port TDD is missing some excluder chains

There is a conspicuous reduction in the frequency of *Trusio* sightings this far offshore.

There were no incidents.

Bridge Watch Summary

of Sightings # of Animals Comments

Observer(s) On Duty: Bahadur / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 28, 97 Loads: 3088 - 3118

Area(s) Worked: Stations 70⁰⁰⁰ — 75⁰⁰⁰

Weather Conditions: Winds WSW at 10kts, Seas 1-2ft, Ptly cloudy - One intense rain squall occurred

Range of H₂O Temperature: Surface 29-31 °C Below Mid-Depth _____

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): _____

Material being dredged was silt

Biological specimens were lamellibranchs (mostly oysters), gastropods, Errant
sedentary polychaetes and Nemertean worms.

Abiotic debris was also observed in screening

Part TDD is missing excluder chains

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>N/A</u>	<u>0</u>		

Observer(s) On Duty: Balla / Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 29, 97 Loads: 3119 - 3149

Area(s) Worked: 70⁺⁰⁰⁰ - 75⁺⁰⁰⁰

Weather Conditions: WSW wind to 20 kts, Seas 1-3 ft, Overcast

Range of H₂O Temperature: Surface 31°C Below Mid-Depth

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt.

Biological specimens were lamellibranch and gastropod molluscs

plus with trace Nemerlean worms and polychaetes (errantia & sedentaria)

An increase in abiotic debris consisting of plastic, rope, scrap metal, fishing

gear and assorted trash was observed in inflow screening.

but TDD is missing excluder chains

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None Sighted</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 30, 97 Loads: 31⁵⁰ - 3177
Area(s) Worked: Stations 70¹⁰⁰⁰ - 75¹⁰⁰⁰
Weather Conditions: Wind WSW 8-10 kts, Seas 1-3 ft, Mostly clear skies - light rain
Range of H₂O Temperature: Surface 31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was silt with light clay
Biological specimens were lamellibranch (mostly oysters), gastropods,
echinoderms (errant and sedentary) and Nemertean worms
Abiotic debris consisting of light, assorted trash was also observed
inflow screening
Port Side TDD is missing excluder chains
There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>None Sighted</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Behadur / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMONTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 7, 31, 97 Loads: 3178 - 3207
Area(s) Worked: 70 +000 - 75 +000
Weather Conditions: Winds W-SW 10 kts, seas 1-4ft, overcast
Range of H₂O Temperature: Surface 30° C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):
material dredged was silt with some clay
Biological specimens included lamellibranchs
(predominant specimen), gastropods, Nemertean worms
& errant & sedentary polychaetes.
Assorted, light trash was also observed in
inflow screening.
Port TDD is missing excluder chains
There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>6</u>	<u>45</u>	<u>continuous sightings of animals</u> <u>noted throughout the day in the vicinity of</u> <u>the channel. Behaviors included bowriding,</u> <u>slow rolling, breaching, milling & porpoising.</u> <u>Animals milled around dredge during operations</u> <u>for several minutes up to</u> <u>15 minutes.</u>

Observer(s) On Duty: Bahadur / Balla

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 8 / 1 / 97 Loads: 3208 - 3237
Area(s) Worked: 70⁰⁰⁰⁰ - 75⁰⁰⁰⁰
Weather Conditions: NE winds 15-25, Overcast hazy, Beaufort 2-4, light rain.
Range of H₂O Temperature: Surface 31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was silt
Biological specimens included lamellibranch
and gastropod molluscs, Nemeritean worms, Polychaetes and
trace Sargassum.
Abiotic specimens included light, assorted trash.
Port TDD is working - repairs complete
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tb.</u>	<u>1</u>	<u>1</u>	<u>Left completely out of</u> <u>water</u>

Observer(s) On Duty: Bahadur / Balla

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge MERMENTAU SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 8, 2, 97 Loads: 3238 - 3245
Area(s) Worked: Station 70¹⁰⁰ - 75¹⁰⁰
Weather Conditions: NE Winds 20 kts, Overcast/hazy seas, -stif
Range of H₂O Temperature: Surface 31°C Below Mid-Depth _____
Condition of all screening apparatus: All apparatus in excellent condition

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was silt with light clay
Biological specimens included gastropods and bivalve shells,
Nemertean Worms, Polychaetes (Eteimnia & Saccatoria) and light
Sargassum.
Abiotic specimens in inflow screening was light trash
There were no incidents.

The Mermentau sand dredging of course has now
headed to the dock. The vessel is headed to North coastline
to begin dredging at a different site.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>			

Observer(s) On Duty: Polachar/Bell